

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078277.D
 Acq On : 30 Jan 2024 13:36
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD013024

Quant Time: Jan 31 00:56:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	125813	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	222368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	208004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	99196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	75995	48.793	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.580%		
35) Dibromofluoromethane	7.810	113	76739	48.474	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.940%		
50) Toluene-d8	10.269	98	294010	49.053	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.100%		
62) 4-Bromofluorobenzene	12.575	95	89953	50.115	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.220%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	67939	51.552	ug/l	97
3) Chloromethane	2.152	50	126053	48.164	ug/l	99
4) Vinyl Chloride	2.281	62	165724	48.004	ug/l	97
5) Bromomethane	2.693	94	92579	44.295	ug/l	98
6) Chloroethane	2.834	64	113300	47.514	ug/l	96
7) Trichlorofluoromethane	3.175	101	138623	47.427	ug/l	100
8) Diethyl Ether	3.599	74	43022	49.757	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.964	101	86617	48.287	ug/l	94
10) Methyl Iodide	4.169	142	78438	48.071	ug/l	93
11) Tert butyl alcohol	5.058	59	24356	245.164	ug/l	99
12) 1,1-Dichloroethene	3.946	96	85912	49.637	ug/l	88
13) Acrolein	3.799	56	27922	237.599	ug/l	99
14) Allyl chloride	4.569	41	113676	49.814	ug/l	90
15) Acrylonitrile	5.258	53	94145	246.335	ug/l	100
16) Acetone	4.028	43	96418	264.974	ug/l #	81
17) Carbon Disulfide	4.275	76	281590	48.191	ug/l	97
18) Methyl Acetate	4.564	43	45872	55.258	ug/l	92
19) Methyl tert-butyl Ether	5.316	73	181990	50.558	ug/l	96
20) Methylene Chloride	4.799	84	99543	52.923	ug/l	90
21) trans-1,2-Dichloroethene	5.322	96	97501	49.822	ug/l	95
22) Diisopropyl ether	6.216	45	246880	50.843	ug/l	91
23) Vinyl Acetate	6.158	43	748917	252.802	ug/l #	90
24) 1,1-Dichloroethane	6.116	63	164870	49.046	ug/l	97
25) 2-Butanone	7.081	43	126718	244.167	ug/l #	83
26) 2,2-Dichloropropane	7.081	77	136200	49.601	ug/l	96
27) cis-1,2-Dichloroethene	7.087	96	107897	49.746	ug/l	92
28) Bromochloromethane	7.428	49	58837	49.074	ug/l #	74
29) Tetrahydrofuran	7.446	42	70608	254.317	ug/l #	85
30) Chloroform	7.599	83	171282	49.835	ug/l	93
31) Cyclohexane	7.881	56	140185	48.060	ug/l	91
32) 1,1,1-Trichloroethane	7.799	97	144109	48.652	ug/l	97
36) 1,1-Dichloropropene	8.010	75	134204	51.122	ug/l	96
37) Ethyl Acetate	7.169	43	47053	46.570	ug/l	98
38) Carbon Tetrachloride	7.993	117	131411	50.910	ug/l	92
39) Methylcyclohexane	9.275	83	162069	52.216	ug/l	96
40) Benzene	8.252	78	385411	50.316	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078277.D
 Acq On : 30 Jan 2024 13:36
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD013024

Quant Time: Jan 31 00:56:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	26920m	49.558	ug/l	
42) 1,2-Dichloroethane	8.328	62	97288	48.971	ug/l	95
43) Isopropyl Acetate	8.363	43	93670	51.706	ug/l #	79
44) Trichloroethene	9.028	130	94928	50.470	ug/l	86
45) 1,2-Dichloropropane	9.305	63	94280	50.341	ug/l	97
46) Dibromomethane	9.393	93	50441	48.543	ug/l	89
47) Bromodichloromethane	9.587	83	127088	49.711	ug/l	99
48) Methyl methacrylate	9.387	41	45698	52.789	ug/l #	79
49) 1,4-Dioxane	9.387	88	11767	1009.503	ug/l #	92
51) 4-Methyl-2-Pentanone	10.157	43	254250	259.437	ug/l	90
52) Toluene	10.334	92	243825	52.480	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	125613	52.603	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	148400	52.493	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	68295	50.366	ug/l	93
56) Ethyl methacrylate	10.599	69	82502	53.641	ug/l #	85
57) 1,3-Dichloropropane	10.881	76	118716	50.775	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	193614	276.816	ug/l	93
59) 2-Hexanone	10.922	43	191954	260.074	ug/l	87
60) Dibromochloromethane	11.075	129	82788	52.595	ug/l	98
61) 1,2-Dibromoethane	11.181	107	65238	50.958	ug/l	99
64) Tetrachloroethene	10.810	164	73489	50.656	ug/l	95
65) Chlorobenzene	11.610	112	244928	49.219	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	86811	48.997	ug/l	97
67) Ethyl Benzene	11.681	91	457631	50.768	ug/l	94
68) m/p-Xylenes	11.793	106	353287	101.872	ug/l	88
69) o-Xylene	12.122	106	163778	51.388	ug/l	88
70) Styrene	12.134	104	284882	52.342	ug/l	96
71) Bromoform	12.298	173	44285	50.749	ug/l #	98
73) Isopropylbenzene	12.422	105	429615	51.188	ug/l	96
74) N-amyl acetate	12.234	43	89287	51.438	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	78593	48.491	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	51194m	49.378	ug/l	
77) Bromobenzene	12.698	156	92069	49.850	ug/l	83
78) n-propylbenzene	12.763	91	540009	51.651	ug/l	96
79) 2-Chlorotoluene	12.851	91	288000	51.459	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	361765	52.985	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	26947	51.691	ug/l	94
82) 4-Chlorotoluene	12.945	91	297961	49.939	ug/l	94
83) tert-Butylbenzene	13.169	119	299315	51.376	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	358551	51.905	ug/l	94
85) sec-Butylbenzene	13.345	105	474465	51.891	ug/l	95
86) p-Isopropyltoluene	13.463	119	390174	52.099	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	194889	50.792	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	193357	50.933	ug/l	96
89) n-Butylbenzene	13.787	91	386051	52.900	ug/l	97
90) Hexachloroethane	14.057	117	73855	49.373	ug/l	85
91) 1,2-Dichlorobenzene	13.834	146	167678	51.082	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11026	48.530	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	99642	52.479	ug/l	97
94) Hexachlorobutadiene	15.198	225	45648	49.064	ug/l	96
95) Naphthalene	15.334	128	201815	53.310	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	85652	51.234	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
Data File : VD078277.D
Acq On : 30 Jan 2024 13:36
Operator : RP/MD
Sample : VSTDICV050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD013024

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024

Quant Time: Jan 31 00:56:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 31 00:23:33 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
Data File : VD078277.D
Acq On : 30 Jan 2024 13:36
Operator : RP/MD
Sample : VSTDICV050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD013024

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024

Quant Time: Jan 31 00:56:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 31 00:23:33 2024
Response via : Initial Calibration

