

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
 Data File : VD078531.D
 Acq On : 23 Feb 2024 11:52
 Operator : RP/MD
 Sample : VD0223SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBS01

Quant Time: Feb 24 00:19:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
 Supervised By :Semsettin Yesilyurt 02/26/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	117948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	205352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	193463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	100070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	55957	43.877	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.760%		
35) Dibromofluoromethane	7.805	113	61842	47.409	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.820%		
50) Toluene-d8	10.269	98	235000	45.036	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.080%		
62) 4-Bromofluorobenzene	12.575	95	68983	45.429	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	19868	17.096	ug/l	98
3) Chloromethane	2.152	50	38395	17.978	ug/l	97
4) Vinyl Chloride	2.281	62	59527	18.266	ug/l	98
5) Bromomethane	2.681	94	48192	21.423	ug/l	98
6) Chloroethane	2.828	64	47994	20.196	ug/l	97
7) Trichlorofluoromethane	3.169	101	44869	20.410	ug/l	97
8) Diethyl Ether	3.593	74	12998	20.527	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.964	101	28376	20.460	ug/l	94
10) Methyl Iodide	4.164	142	22752	18.316	ug/l #	90
11) Tert butyl alcohol	5.058	59	8263	116.529	ug/l #	94
12) 1,1-Dichloroethene	3.940	96	25531	19.856	ug/l	97
13) Acrolein	3.799	56	9954	84.487	ug/l	98
14) Allyl chloride	4.564	41	30827	19.407	ug/l #	77
15) Acrylonitrile	5.258	53	29202	107.729	ug/l	99
16) Acetone	4.022	43	33704	123.240	ug/l	91
17) Carbon Disulfide	4.264	76	69055	15.961	ug/l	100
18) Methyl Acetate	4.575	43	10956	15.070	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	56432	20.657	ug/l	98
20) Methylene Chloride	4.793	84	36128	23.362	ug/l	89
21) trans-1,2-Dichloroethene	5.316	96	29204	19.307	ug/l	97
22) Diisopropyl ether	6.210	45	70397	20.108	ug/l	91
23) Vinyl Acetate	6.158	43	185908m	122.409	ug/l	
24) 1,1-Dichloroethane	6.116	63	51903	20.928	ug/l	98
25) 2-Butanone	7.081	43	40545	117.138	ug/l #	84
26) 2,2-Dichloropropane	7.075	77	44992	21.640	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	34618	20.860	ug/l	96
28) Bromochloromethane	7.428	49	21038	21.417	ug/l	88
29) Tetrahydrofuran	7.446	42	20204	106.528	ug/l	93
30) Chloroform	7.599	83	55719	21.234	ug/l	96
31) Cyclohexane	7.875	56	37598	17.428	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	47914	21.416	ug/l	98
36) 1,1-Dichloropropene	8.005	75	41174	20.319	ug/l	98
37) Ethyl Acetate	7.175	43	15964	22.473	ug/l	95
38) Carbon Tetrachloride	7.993	117	41090	20.475	ug/l	95
39) Methylcyclohexane	9.275	83	43497	18.081	ug/l	97
40) Benzene	8.252	78	118807	20.284	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
 Data File : VD078531.D
 Acq On : 23 Feb 2024 11:52
 Operator : RP/MD
 Sample : VD0223SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBS01

Quant Time: Feb 24 00:19:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
 Supervised By :Semsettin Yesilyurt 02/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	7496m	20.276	ug/l	
42) 1,2-Dichloroethane	8.328	62	30942	20.416	ug/l	99
43) Isopropyl Acetate	8.357	43	27419	20.845	ug/l #	84
44) Trichloroethene	9.028	130	32143	21.511	ug/l	93
45) 1,2-Dichloropropane	9.304	63	29893	20.801	ug/l	96
46) Dibromomethane	9.393	93	17593	21.765	ug/l	90
47) Bromodichloromethane	9.587	83	44407	22.180	ug/l	98
48) Methyl methacrylate	9.375	41	11946	17.118	ug/l #	87
49) 1,4-Dioxane	9.399	88	3804	434.554	ug/l #	91
51) 4-Methyl-2-Pentanone	10.157	43	76275	109.254	ug/l	93
52) Toluene	10.334	92	75902	20.492	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	38779	21.227	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	44732	20.193	ug/l #	88
55) 1,1,2-Trichloroethane	10.728	97	23750	21.818	ug/l	93
56) Ethyl methacrylate	10.599	69	25307	25.137	ug/l	97
57) 1,3-Dichloropropane	10.881	76	39350	21.251	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	65227	109.990	ug/l	97
59) 2-Hexanone	10.922	43	61832	117.851	ug/l	89
60) Dibromochloromethane	11.075	129	30424	23.229	ug/l	98
61) 1,2-Dibromoethane	11.175	107	22569	22.084	ug/l	99
64) Tetrachloroethene	10.810	164	24612	20.141	ug/l	92
65) Chlorobenzene	11.604	112	84067	21.615	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	30761	21.521	ug/l	98
67) Ethyl Benzene	11.681	91	142962	20.515	ug/l	99
68) m/p-Xylenes	11.793	106	110801	40.762	ug/l	89
69) o-Xylene	12.122	106	51766	20.868	ug/l	93
70) Styrene	12.134	104	93492	23.093	ug/l	98
71) Bromoform	12.298	173	17348	23.060	ug/l #	99
73) Isopropylbenzene	12.422	105	134463	20.011	ug/l	96
74) N-amyl acetate	12.234	43	25395	19.977	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	29912	22.441	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	18881m	22.224	ug/l	
77) Bromobenzene	12.704	156	33461	21.189	ug/l	92
78) n-propylbenzene	12.763	91	172888	20.646	ug/l	96
79) 2-Chlorotoluene	12.851	91	92078	20.530	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	111411	19.967	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	9183	22.440	ug/l	99
82) 4-Chlorotoluene	12.945	91	98516	20.452	ug/l	95
83) tert-Butylbenzene	13.169	119	98002	20.826	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	114202	20.167	ug/l	98
85) sec-Butylbenzene	13.345	105	154832	21.216	ug/l	95
86) p-Isopropyltoluene	13.463	119	126127	20.291	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	70593	20.944	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	71118	21.474	ug/l	96
89) n-Butylbenzene	13.787	91	119728	19.984	ug/l	98
90) Hexachloroethane	14.057	117	27576	21.585	ug/l	87
91) 1,2-Dichlorobenzene	13.834	146	61074	21.578	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4137	23.703	ug/l	87
93) 1,2,4-Trichlorobenzene	15.098	180	35771	21.505	ug/l	97
94) Hexachlorobutadiene	15.204	225	18229	20.996	ug/l	98
95) Naphthalene	15.334	128	65193	21.131	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.522	180	31693	22.482	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
Data File : VD078531.D
Acq On : 23 Feb 2024 11:52
Operator : RP/MD
Sample : VD0223SBS01
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024

Quant Time: Feb 24 00:19:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 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\VD022324\
 Data File : VD078531.D
 Acq On : 23 Feb 2024 11:52
 Operator : RP/MD
 Sample : VD0223SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
 Supervised By :Semsettin Yesilyurt 02/26/2024

Quant Time: Feb 24 00:19:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

