

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031124\
 Data File : VD078626.D
 Acq On : 11 Mar 2024 12:09
 Operator : RP/MD
 Sample : VD0311SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0311SBS01

Quant Time: Mar 12 01:36:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/12/2024
 Supervised By :Semsettin Yesilyurt 03/12/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	121551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	210119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	200764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	56280	46.708	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.420%		
35) Dibromofluoromethane	7.805	113	64843	47.441	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.880%		
50) Toluene-d8	10.269	98	248401	46.770	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.540%		
62) 4-Bromofluorobenzene	12.569	95	73697	48.582	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	22074	20.813	ug/l	100
3) Chloromethane	2.152	50	38772	19.785	ug/l	98
4) Vinyl Chloride	2.281	62	59733	19.993	ug/l	97
5) Bromomethane	2.687	94	48519	20.333	ug/l	99
6) Chloroethane	2.834	64	49272	22.250	ug/l	99
7) Trichlorofluoromethane	3.169	101	41268	20.427	ug/l	87
8) Diethyl Ether	3.599	74	11929	21.028	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.964	101	26026	20.440	ug/l	99
10) Methyl Iodide	4.169	142	24727	18.558	ug/l #	84
11) Tert butyl alcohol	5.058	59	6131	105.880	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	24641	20.730	ug/l #	94
13) Acrolein	3.805	56	10090	84.438	ug/l	94
14) Allyl chloride	4.564	41	25845	19.090	ug/l	93
15) Acrylonitrile	5.258	53	25255	107.983	ug/l	97
16) Acetone	4.028	43	23743	102.854	ug/l	96
17) Carbon Disulfide	4.269	76	69748	17.612	ug/l	97
18) Methyl Acetate	4.569	43	10234	23.422	ug/l	93
19) Methyl tert-butyl Ether	5.316	73	51736	21.406	ug/l #	90
20) Methylene Chloride	4.799	84	36314	15.641	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	28494	19.950	ug/l	92
22) Diisopropyl ether	6.210	45	66112	21.780	ug/l #	88
23) Vinyl Acetate	6.158	43	186334m	103.357	ug/l	
24) 1,1-Dichloroethane	6.111	63	49639	21.646	ug/l	97
25) 2-Butanone	7.087	43	31069	106.698	ug/l #	87
26) 2,2-Dichloropropane	7.075	77	40790	21.055	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	31778	20.320	ug/l	95
28) Bromochloromethane	7.422	49	19436	22.686	ug/l	91
29) Tetrahydrofuran	7.452	42	16233	100.344	ug/l	96
30) Chloroform	7.599	83	52669	21.271	ug/l	100
31) Cyclohexane	7.875	56	33436	17.729	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	43991	20.710	ug/l	96
36) 1,1-Dichloropropene	8.005	75	36855	19.486	ug/l	99
37) Ethyl Acetate	7.163	43	13267	21.648	ug/l #	92
38) Carbon Tetrachloride	7.993	117	40344	20.394	ug/l	97
39) Methylcyclohexane	9.275	83	39646	17.859	ug/l	99
40) Benzene	8.252	78	115775	20.651	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031124\
 Data File : VD078626.D
 Acq On : 11 Mar 2024 12:09
 Operator : RP/MD
 Sample : VD0311SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0311SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/12/2024
 Supervised By :Semsettin Yesilyurt 03/12/2024

Quant Time: Mar 12 01:36:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	8082m	24.605	ug/l	
42) 1,2-Dichloroethane	8.328	62	29666	20.859	ug/l	98
43) Isopropyl Acetate	8.357	43	24887	21.182	ug/l	91
44) Trichloroethene	9.028	130	31953	20.770	ug/l	91
45) 1,2-Dichloropropane	9.304	63	27606	20.499	ug/l	99
46) Dibromomethane	9.399	93	17212	22.170	ug/l	91
47) Bromodichloromethane	9.581	83	41608	21.736	ug/l	94
48) Methyl methacrylate	9.381	41	11374	21.371	ug/l	82
49) 1,4-Dioxane	9.381	88	3094	412.259	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	63586	104.853	ug/l	93
52) Toluene	10.334	92	74299	20.655	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	35985	20.320	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	44974	21.211	ug/l #	90
55) 1,1,2-Trichloroethane	10.728	97	23088	21.120	ug/l	95
56) Ethyl methacrylate	10.599	69	22579	20.607	ug/l #	91
57) 1,3-Dichloropropane	10.875	76	37523	21.181	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	53307	121.326	ug/l	98
59) 2-Hexanone	10.922	43	49890	110.915	ug/l	88
60) Dibromochloromethane	11.075	129	27563	20.881	ug/l	90
61) 1,2-Dibromoethane	11.181	107	21659	21.588	ug/l	98
64) Tetrachloroethene	10.804	164	25938	20.534	ug/l	94
65) Chlorobenzene	11.610	112	80752	20.425	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	30715	20.869	ug/l	98
67) Ethyl Benzene	11.681	91	134347	19.612	ug/l	95
68) m/p-Xylenes	11.793	106	110866	40.004	ug/l	97
69) o-Xylene	12.122	106	51003	20.287	ug/l	99
70) Styrene	12.134	104	87853	20.160	ug/l	97
71) Bromoform	12.298	173	15909	20.318	ug/l #	96
73) Isopropylbenzene	12.422	105	130992	19.655	ug/l	96
74) N-amyl acetate	12.234	43	22605	20.152	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	26079	20.426	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	16359m	20.373	ug/l	
77) Bromobenzene	12.698	156	33882	21.021	ug/l	94
78) n-propylbenzene	12.763	91	161598	19.823	ug/l	98
79) 2-Chlorotoluene	12.845	91	87717	20.052	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	109167	20.130	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	7364	19.630	ug/l	96
82) 4-Chlorotoluene	12.945	91	93944	20.151	ug/l	97
83) tert-Butylbenzene	13.163	119	92708	19.854	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	110331	19.904	ug/l	99
85) sec-Butylbenzene	13.345	105	143634	19.717	ug/l	98
86) p-Isopropyltoluene	13.457	119	119883	19.549	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	72902	21.168	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	70823	20.526	ug/l	97
89) n-Butylbenzene	13.787	91	111919	19.529	ug/l	98
90) Hexachloroethane	14.051	117	27048	21.691	ug/l	87
91) 1,2-Dichlorobenzene	13.828	146	60306	20.615	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3490	20.508	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	35069	20.244	ug/l	97
94) Hexachlorobutadiene	15.204	225	17605	18.471	ug/l	92
95) Naphthalene	15.328	128	57927	18.924	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	30137	19.589	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031124\
Data File : VD078626.D
Acq On : 11 Mar 2024 12:09
Operator : RP/MD
Sample : VD0311SBS01
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/12/2024
Supervised By :Semsettin Yesilyurt 03/12/2024

Quant Time: Mar 12 01:36:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration

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

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

