

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
 Data File : VD078023.D
 Acq On : 21 Dec 2023 13:44
 Operator : RP/MD
 Sample : VD1221SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1221SBS01

Quant Time: Dec 22 05:12:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	105919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	189355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	175090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	64789	51.910	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.820%			
35) Dibromofluoromethane	7.805	113	69466	52.373	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.740%			
50) Toluene-d8	10.269	98	264660	49.820	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.640%			
62) 4-Bromofluorobenzene	12.575	95	81287	51.181	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	25718	19.438	ug/l	94
3) Chloromethane	2.152	50	38594	21.400	ug/l	95
4) Vinyl Chloride	2.293	62	56674	23.148	ug/l	99
5) Bromomethane	2.693	94	41486	30.198	ug/l	99
6) Chloroethane	2.840	64	41679	24.970	ug/l	95
7) Trichlorofluoromethane	3.181	101	50521	22.405	ug/l	94
8) Diethyl Ether	3.599	74	14263	22.526	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.975	101	30314	23.499	ug/l	99
10) Methyl Iodide	4.175	142	25895	26.557	ug/l	91
11) Tert butyl alcohol	5.058	59	7896	125.772	ug/l #	88
12) 1,1-Dichloroethene	3.946	96	27422	21.538	ug/l	85
13) Acrolein	3.799	56	10090	76.424	ug/l	98
14) Allyl chloride	4.569	41	34660	19.794	ug/l #	89
15) Acrylonitrile	5.258	53	32348	119.322	ug/l	98
16) Acetone	4.028	43	40929	137.542	ug/l #	76
17) Carbon Disulfide	4.281	76	72507	16.833	ug/l	99
18) Methyl Acetate	4.569	43	21879	22.259	ug/l	94
19) Methyl tert-butyl Ether	5.316	73	65674	24.312	ug/l	95
20) Methylene Chloride	4.811	84	45011	28.355	ug/l #	77
21) trans-1,2-Dichloroethene	5.316	96	32488	22.528	ug/l	90
22) Diisopropyl ether	6.216	45	85040	23.240	ug/l	94
23) Vinyl Acetate	6.158	43	190346	106.520	ug/l #	92
24) 1,1-Dichloroethane	6.116	63	60075	24.243	ug/l	97
25) 2-Butanone	7.087	43	45997	126.660	ug/l #	87
26) 2,2-Dichloropropane	7.081	77	47732	22.942	ug/l	98
27) cis-1,2-Dichloroethene	7.087	96	38662	24.916	ug/l	91
28) Bromochloromethane	7.428	49	21093	21.065	ug/l	81
29) Tetrahydrofuran	7.446	42	22002	110.703	ug/l	89
30) Chloroform	7.599	83	64968	26.196	ug/l	95
31) Cyclohexane	7.881	56	42581	19.181	ug/l #	82
32) 1,1,1-Trichloroethane	7.799	97	52030	23.798	ug/l	97
36) 1,1-Dichloropropene	8.016	75	44257	20.860	ug/l	95
37) Ethyl Acetate	7.169	43	16065	19.420	ug/l #	94
38) Carbon Tetrachloride	7.993	117	45494	21.509	ug/l	95
39) Methylcyclohexane	9.281	83	46080	18.321	ug/l	99
40) Benzene	8.252	78	132559	22.014	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
 Data File : VD078023.D
 Acq On : 21 Dec 2023 13:44
 Operator : RP/MD
 Sample : VD1221SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1221SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023

Quant Time: Dec 22 05:12:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.416	41	9994	23.769	ug/l #	85
42) 1,2-Dichloroethane	8.334	62	37044	23.733	ug/l	96
43) Isopropyl Acetate	8.369	43	32457	22.071	ug/l #	78
44) Trichloroethene	9.034	130	34561	22.025	ug/l	97
45) 1,2-Dichloropropane	9.304	63	34575	23.620	ug/l	96
46) Dibromomethane	9.399	93	18887	24.385	ug/l	92
47) Bromodichloromethane	9.587	83	48060	24.481	ug/l	96
48) Methyl methacrylate	9.381	41	16794	20.090	ug/l	85
49) 1,4-Dioxane	9.387	88	3271	425.313	ug/l #	62
51) 4-Methyl-2-Pentanone	10.163	43	79455	105.867	ug/l	95
52) Toluene	10.340	92	83992	22.487	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	43421	23.032	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	51815	22.733	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	25699	24.257	ug/l	88
56) Ethyl methacrylate	10.598	69	21340	22.850	ug/l #	88
57) 1,3-Dichloropropane	10.881	76	44831	24.549	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	43823	82.283	ug/l	94
59) 2-Hexanone	10.922	43	65156	104.641	ug/l	93
60) Dibromochloromethane	11.075	129	31637	24.803	ug/l	97
61) 1,2-Dibromoethane	11.181	107	24069	24.135	ug/l	100
64) Tetrachloroethene	10.810	164	27085	21.047	ug/l	95
65) Chlorobenzene	11.610	112	93779	21.669	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	35054	24.076	ug/l	96
67) Ethyl Benzene	11.687	91	160968	22.082	ug/l	96
68) m/p-Xylenes	11.798	106	123033	44.125	ug/l	91
69) o-Xylene	12.122	106	57867	22.519	ug/l	94
70) Styrene	12.134	104	89162	23.334	ug/l	96
71) Bromoform	12.298	173	17301	22.742	ug/l #	94
73) Isopropylbenzene	12.422	105	152737	21.991	ug/l	95
74) N-amyl acetate	12.234	43	28506	20.880	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	30304	25.024	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	16291m	20.469	ug/l	
77) Bromobenzene	12.704	156	36486	22.334	ug/l	90
78) n-propylbenzene	12.763	91	187749	22.184	ug/l	96
79) 2-Chlorotoluene	12.851	91	104002	22.931	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	126929	21.912	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	8691	22.125	ug/l	91
82) 4-Chlorotoluene	12.945	91	109763	23.149	ug/l	97
83) tert-Butylbenzene	13.169	119	110317	22.558	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	128698	22.213	ug/l	99
85) sec-Butylbenzene	13.345	105	162177	22.435	ug/l	95
86) p-Isopropyltoluene	13.463	119	138737	21.436	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	76777	22.982	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	77919	22.484	ug/l	97
89) n-Butylbenzene	13.787	91	138503	22.743	ug/l	96
90) Hexachloroethane	14.057	117	28418	23.876	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	64695	22.770	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4342	24.246	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	40743	20.994	ug/l	96
94) Hexachlorobutadiene	15.204	225	21244	20.300	ug/l	98
95) Naphthalene	15.328	128	69506	21.555	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	34014	21.259	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
Data File : VD078023.D
Acq On : 21 Dec 2023 13:44
Operator : RP/MD
Sample : VD1221SBS01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

Quant Time: Dec 22 05:12:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

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

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

