

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
 Data File : VD078385.D
 Acq On : 09 Feb 2024 12:53
 Operator : RP/MD
 Sample : VD0209SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0209SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/12/2024
 Supervised By :Semsettin Yesilyurt 02/12/2024

Quant Time: Feb 09 22:59:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	117693	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	209732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	193553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	93012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	55407	38.029	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	76.060%		
35) Dibromofluoromethane	7.804	113	56626	37.924	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	75.840%		
50) Toluene-d8	10.269	98	209445	37.050	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	74.100%		
62) 4-Bromofluorobenzene	12.575	95	67184	39.685	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	79.360%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	26672	19.069	ug/l	96
3) Chloromethane	2.152	50	45992	18.785	ug/l	100
4) Vinyl Chloride	2.281	62	60713	18.799	ug/l	99
5) Bromomethane	2.675	94	34081	17.431	ug/l	93
6) Chloroethane	2.828	64	41362	18.543	ug/l	# 83
7) Trichlorofluoromethane	3.169	101	50759	18.564	ug/l	92
8) Diethyl Ether	3.593	74	14945	18.477	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.958	101	30889	18.408	ug/l	95
10) Methyl Iodide	4.158	142	24254	15.890	ug/l	# 87
11) Tert butyl alcohol	5.052	59	9312m	100.200	ug/l	
12) 1,1-Dichloroethene	3.928	96	27585	17.037	ug/l	89
13) Acrolein	3.799	56	7546	63.823	ug/l	96
14) Allyl chloride	4.558	41	37925	17.766	ug/l	# 89
15) Acrylonitrile	5.258	53	31427	87.904	ug/l	95
16) Acetone	4.028	43	39223	106.389	ug/l	# 84
17) Carbon Disulfide	4.263	76	76703	14.033	ug/l	97
18) Methyl Acetate	4.558	43	12136	15.628	ug/l	91
19) Methyl tert-butyl Ether	5.322	73	64818	19.249	ug/l	98
20) Methylene Chloride	4.799	84	36757	19.069	ug/l	# 81
21) trans-1,2-Dichloroethene	5.299	96	31875	17.412	ug/l	94
22) Diisopropyl ether	6.210	45	85859	18.902	ug/l	91
23) Vinyl Acetate	6.157	43	253667	91.535	ug/l	# 90
24) 1,1-Dichloroethane	6.116	63	61324	19.502	ug/l	95
25) 2-Butanone	7.081	43	45752	94.240	ug/l	94
26) 2,2-Dichloropropane	7.081	77	49531	19.283	ug/l	94
27) cis-1,2-Dichloroethene	7.075	96	36782	18.128	ug/l	91
28) Bromochloromethane	7.428	49	21561	19.224	ug/l	# 79
29) Tetrahydrofuran	7.446	42	22439	86.397	ug/l	89
30) Chloroform	7.599	83	63591	19.778	ug/l	96
31) Cyclohexane	7.875	56	43869	16.077	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	53131	19.175	ug/l	99
36) 1,1-Dichloropropene	8.010	75	45240	18.271	ug/l	95
37) Ethyl Acetate	7.175	43	17755	18.631	ug/l	# 91
38) Carbon Tetrachloride	7.987	117	47503	19.512	ug/l	# 94
39) Methylcyclohexane	9.269	83	50282	17.176	ug/l	90
40) Benzene	8.252	78	129304	17.898	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	10262	20.030	ug/l #	87
42) 1,2-Dichloroethane	8.328	62	36180	19.309	ug/l	94
43) Isopropyl Acetate	8.363	43	32249	18.874	ug/l	93
44) Trichloroethene	9.034	130	33737	19.017	ug/l	93
45) 1,2-Dichloropropane	9.299	63	33834	19.154	ug/l	97
46) Dibromomethane	9.393	93	18137	18.506	ug/l	89
47) Bromodichloromethane	9.581	83	48318	20.038	ug/l	96
48) Methyl methacrylate	9.381	41	13974	17.115	ug/l #	81
49) 1,4-Dioxane	9.387	88	4006	364.385	ug/l #	76
51) 4-Methyl-2-Pentanone	10.157	43	88148	95.365	ug/l	90
52) Toluene	10.334	92	80459	18.361	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	40916	18.167	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	49958	18.736	ug/l #	85
55) 1,1,2-Trichloroethane	10.734	97	25529	19.961	ug/l	89
56) Ethyl methacrylate	10.598	69	26137	18.018	ug/l #	82
57) 1,3-Dichloropropane	10.875	76	42373	19.215	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	55734	84.485	ug/l	95
59) 2-Hexanone	10.922	43	67893	97.529	ug/l	87
60) Dibromochloromethane	11.075	129	29945	20.170	ug/l	92
61) 1,2-Dibromoethane	11.175	107	23270	19.272	ug/l	97
64) Tetrachloroethene	10.810	164	25980	19.245	ug/l #	90
65) Chlorobenzene	11.604	112	89620	19.354	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	33259	20.173	ug/l	94
67) Ethyl Benzene	11.681	91	154596	18.431	ug/l	99
68) m/p-Xylenes	11.793	106	121995	37.804	ug/l	89
69) o-Xylene	12.122	106	57145	19.269	ug/l	95
70) Styrene	12.134	104	97539	19.259	ug/l	96
71) Bromoform	12.298	173	16631	20.482	ug/l #	98
73) Isopropylbenzene	12.422	105	148987	18.932	ug/l	93
74) N-amyl acetate	12.234	43	31474	19.338	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	29515	19.421	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	22028m	22.659	ug/l	
77) Bromobenzene	12.698	156	33723	19.473	ug/l	86
78) n-propylbenzene	12.763	91	187967	19.174	ug/l	94
79) 2-Chlorotoluene	12.845	91	103536	19.730	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	123430	19.280	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.463	75	9310	19.046	ug/l	91
82) 4-Chlorotoluene	12.945	91	107120	19.147	ug/l	95
83) tert-Butylbenzene	13.163	119	104108	19.058	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	124382	19.203	ug/l	96
85) sec-Butylbenzene	13.345	105	168771	19.685	ug/l	93
86) p-Isopropyltoluene	13.457	119	136206	19.396	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	71198	19.790	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	71024	19.953	ug/l	96
89) n-Butylbenzene	13.787	91	133340	19.486	ug/l	98
90) Hexachloroethane	14.051	117	29287	20.881	ug/l	83
91) 1,2-Dichlorobenzene	13.828	146	62072	20.167	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	3882	18.222	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	35090	19.710	ug/l	98
94) Hexachlorobutadiene	15.204	225	18700	21.436	ug/l	99
95) Naphthalene	15.333	128	66725	18.797	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	31953	20.384	ug/l	98

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

