

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
 Data File : VD078460.D
 Acq On : 19 Feb 2024 13:22
 Operator : RP/MD
 Sample : VD0219SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0219SBS01

Quant Time: Feb 19 23:48:07 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 02/20/2024
 Supervised By :Semsettin Yesilyurt 02/20/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	132630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	235094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	213263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	106221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	76727	53.503	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.000%			
35) Dibromofluoromethane	7.810	113	85241	57.080	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.160%			
50) Toluene-d8	10.269	98	326459	54.648	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.300%			
62) 4-Bromofluorobenzene	12.575	95	93301	53.670	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.340%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	21193	16.218	ug/l	89
3) Chloromethane	2.152	50	38594	16.070	ug/l	88
4) Vinyl Chloride	2.287	62	61268	16.719	ug/l	98
5) Bromomethane	2.687	94	48537	19.188	ug/l	94
6) Chloroethane	2.834	64	47726	17.860	ug/l	93
7) Trichlorofluoromethane	3.175	101	45369	18.353	ug/l	100
8) Diethyl Ether	3.593	74	13674	19.204	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.969	101	30055	19.272	ug/l	96
10) Methyl Iodide	4.164	142	25506	18.260	ug/l #	90
11) Tert butyl alcohol	5.075	59	7964m	99.054	ug/l	
12) 1,1-Dichloroethene	3.946	96	27597	19.087	ug/l	90
13) Acrolein	3.805	56	13855	104.580	ug/l	100
14) Allyl chloride	4.564	41	31876	17.846	ug/l	90
15) Acrylonitrile	5.258	53	29735	97.552	ug/l	99
16) Acetone	4.022	43	31724	98.674	ug/l #	81
17) Carbon Disulfide	4.269	76	79315	16.303	ug/l	99
18) Methyl Acetate	4.569	43	11494	14.328	ug/l	97
19) Methyl tert-butyl Ether	5.328	73	56201	18.295	ug/l	99
20) Methylene Chloride	4.805	84	44548	25.935	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	31360	18.437	ug/l	93
22) Diisopropyl ether	6.216	45	74687	18.972	ug/l #	89
23) Vinyl Acetate	6.158	43	192574m	111.592	ug/l	
24) 1,1-Dichloroethane	6.111	63	53721	19.263	ug/l	96
25) 2-Butanone	7.087	43	39406	98.972	ug/l	90
26) 2,2-Dichloropropane	7.081	77	44591	19.073	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	34992	18.751	ug/l	95
28) Bromochloromethane	7.422	49	22313	20.200	ug/l	86
29) Tetrahydrofuran	7.446	42	21534	100.972	ug/l #	84
30) Chloroform	7.605	83	56981	19.311	ug/l	92
31) Cyclohexane	7.875	56	41878	17.263	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	49200	19.557	ug/l	99
36) 1,1-Dichloropropene	8.005	75	40875	17.619	ug/l	98
37) Ethyl Acetate	7.169	43	16676	20.506	ug/l	98
38) Carbon Tetrachloride	7.999	117	43453	18.913	ug/l	96
39) Methylcyclohexane	9.275	83	45834	16.642	ug/l	95
40) Benzene	8.252	78	123433	18.408	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	8334	19.691	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	33280	19.181	ug/l	97
43) Isopropyl Acetate	8.369	43	27713	18.403	ug/l	97
44) Trichloroethene	9.028	130	32624	19.071	ug/l	95
45) 1,2-Dichloropropane	9.310	63	30743	18.686	ug/l	99
46) Dibromomethane	9.399	93	16955	18.322	ug/l	95
47) Bromodichloromethane	9.587	83	44313	19.333	ug/l	99
48) Methyl methacrylate	9.387	41	12221	15.297	ug/l	88
49) 1,4-Dioxane	9.393	88	3822	381.374	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	75932	95.003	ug/l	92
52) Toluene	10.334	92	77276	18.223	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	39625	18.946	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	47971	18.916	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	24764	19.871	ug/l	95
56) Ethyl methacrylate	10.599	69	25175	21.842	ug/l #	87
57) 1,3-Dichloropropane	10.881	76	39678	18.717	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	63659	93.766	ug/l	94
59) 2-Hexanone	10.922	43	61746	102.799	ug/l	86
60) Dibromochloromethane	11.075	129	28777	19.192	ug/l	96
61) 1,2-Dibromoethane	11.181	107	22771	19.463	ug/l	95
64) Tetrachloroethene	10.816	164	25854	19.193	ug/l	95
65) Chlorobenzene	11.610	112	82990	19.357	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	30386	19.285	ug/l	99
67) Ethyl Benzene	11.687	91	140994	18.354	ug/l	96
68) m/p-Xylenes	11.793	106	114705	38.280	ug/l	94
69) o-Xylene	12.122	106	52409	19.166	ug/l	97
70) Styrene	12.140	104	90834	20.354	ug/l	99
71) Bromoform	12.298	173	16048	19.351	ug/l #	100
73) Isopropylbenzene	12.422	105	134568	18.867	ug/l	96
74) N-amyl acetate	12.234	43	27110	20.091	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	27354	19.333	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	17839m	19.782	ug/l	
77) Bromobenzene	12.698	156	33503	19.987	ug/l	91
78) n-propylbenzene	12.763	91	170544	19.187	ug/l	95
79) 2-Chlorotoluene	12.851	91	90840	19.081	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	111830	18.882	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	8634	19.877	ug/l	96
82) 4-Chlorotoluene	12.945	91	96523	18.878	ug/l	97
83) tert-Butylbenzene	13.169	119	96793	19.378	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	112952	18.791	ug/l	97
85) sec-Butylbenzene	13.345	105	149981	19.361	ug/l	96
86) p-Isopropyltoluene	13.463	119	124187	18.822	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	68910	19.261	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	70229	19.978	ug/l	99
89) n-Butylbenzene	13.787	91	113920	17.913	ug/l	98
90) Hexachloroethane	14.051	117	25329	18.678	ug/l	90
91) 1,2-Dichlorobenzene	13.828	146	59985	19.966	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3626	19.572	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	32658	18.496	ug/l	98
94) Hexachlorobutadiene	15.204	225	17645	19.146	ug/l	99
95) Naphthalene	15.334	128	61561	18.798	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	29484	19.704	ug/l	98

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

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