

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
 Data File : VD078461.D
 Acq On : 19 Feb 2024 13:50
 Operator : RP/MD
 Sample : VD0219SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0219SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
 Supervised By :Semsettin Yesilyurt 02/20/2024

Quant Time: Feb 19 23:48:48 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)

Internal Standards						
1) Pentafluorobenzene	7.875	168	144936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	249386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	230529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	112792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	71528	45.643	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.280%		
35) Dibromofluoromethane	7.810	113	79007	49.874	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.740%		
50) Toluene-d8	10.269	98	316366	49.924	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.840%		
62) 4-Bromofluorobenzene	12.569	95	91141	49.423	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	24829	17.387	ug/l	95
3) Chloromethane	2.152	50	44564	16.981	ug/l	97
4) Vinyl Chloride	2.281	62	69733	17.413	ug/l	100
5) Bromomethane	2.681	94	50405	18.235	ug/l	98
6) Chloroethane	2.834	64	54915	18.805	ug/l	98
7) Trichlorofluoromethane	3.169	101	53719	19.885	ug/l	90
8) Diethyl Ether	3.593	74	14428	18.543	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.969	101	34361	20.162	ug/l	95
10) Methyl Iodide	4.163	142	29256	19.167	ug/l #	89
11) Tert butyl alcohol	5.057	59	9040	103.114	ug/l #	82
12) 1,1-Dichloroethene	3.940	96	29981	18.975	ug/l	81
13) Acrolein	3.799	56	14520	100.294	ug/l	99
14) Allyl chloride	4.569	41	35514	18.195	ug/l	91
15) Acrylonitrile	5.269	53	32436	97.378	ug/l	98
16) Acetone	4.028	43	37649	109.504	ug/l #	80
17) Carbon Disulfide	4.275	76	88502	16.647	ug/l	96
18) Methyl Acetate	4.563	43	12544	14.314	ug/l	91
19) Methyl tert-butyl Ether	5.322	73	61516	18.325	ug/l	97
20) Methylene Chloride	4.804	84	42049	21.953	ug/l #	89
21) trans-1,2-Dichloroethene	5.310	96	34372	18.492	ug/l	92
22) Diisopropyl ether	6.222	45	79606	18.504	ug/l	98
23) Vinyl Acetate	6.151	43	213488m	113.422	ug/l	
24) 1,1-Dichloroethane	6.116	63	59295	19.456	ug/l	96
25) 2-Butanone	7.087	43	44084	101.718	ug/l	90
26) 2,2-Dichloropropane	7.075	77	50424	19.737	ug/l	94
27) cis-1,2-Dichloroethene	7.087	96	38244	18.754	ug/l	95
28) Bromochloromethane	7.428	49	25414	21.054	ug/l	86
29) Tetrahydrofuran	7.451	42	21999	94.394	ug/l	90
30) Chloroform	7.598	83	61602	19.104	ug/l	97
31) Cyclohexane	7.881	56	46513	17.546	ug/l	98
32) 1,1,1-Trichloroethane	7.798	97	54789	19.929	ug/l	100
36) 1,1-Dichloropropene	8.010	75	46172	18.762	ug/l	99
37) Ethyl Acetate	7.175	43	16511	19.139	ug/l #	90
38) Carbon Tetrachloride	7.992	117	47912	19.659	ug/l	93
39) Methylcyclohexane	9.275	83	52450	17.953	ug/l	92
40) Benzene	8.251	78	139072	19.551	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.392	41	8834	19.676	ug/l #	87
42) 1,2-Dichloroethane	8.328	62	35309	19.184	ug/l	97
43) Isopropyl Acetate	8.369	43	30241	18.931	ug/l	96
44) Trichloroethene	9.034	130	36300	20.003	ug/l	97
45) 1,2-Dichloropropane	9.304	63	32300	18.507	ug/l	91
46) Dibromomethane	9.398	93	19343	19.705	ug/l	88
47) Bromodichloromethane	9.581	83	48467	19.934	ug/l #	92
48) Methyl methacrylate	9.381	41	13534	15.969	ug/l	91
49) 1,4-Dioxane	9.386	88	4000	376.262	ug/l #	89
51) 4-Methyl-2-Pentanone	10.157	43	79867	94.200	ug/l	93
52) Toluene	10.333	92	85365	18.977	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	43746	19.718	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	52122	19.375	ug/l #	92
55) 1,1,2-Trichloroethane	10.733	97	26919	20.363	ug/l	96
56) Ethyl methacrylate	10.598	69	26070	21.323	ug/l	89
57) 1,3-Dichloropropane	10.881	76	42265	18.795	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	63614	88.330	ug/l	97
59) 2-Hexanone	10.922	43	66132	103.791	ug/l	86
60) Dibromochloromethane	11.075	129	31473	19.787	ug/l	94
61) 1,2-Dibromoethane	11.180	107	23355	18.818	ug/l	94
64) Tetrachloroethene	10.804	164	29631	20.350	ug/l	93
65) Chlorobenzene	11.604	112	91500	19.743	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.680	131	34126	20.037	ug/l	96
67) Ethyl Benzene	11.686	91	159349	19.190	ug/l	98
68) m/p-Xylenes	11.792	106	128146	39.563	ug/l	95
69) o-Xylene	12.122	106	56721	19.189	ug/l	90
70) Styrene	12.133	104	99553	20.637	ug/l	97
71) Bromoform	12.298	173	18120	20.213	ug/l #	98
73) Isopropylbenzene	12.422	105	150713	19.899	ug/l	97
74) N-amyl acetate	12.233	43	27770	19.381	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	31126	20.718	ug/l	99
76) 1,2,3-Trichloropropane	12.727	75	18772m	19.604	ug/l	
77) Bromobenzene	12.704	156	36009	20.230	ug/l	89
78) n-propylbenzene	12.763	91	195210	20.682	ug/l	96
79) 2-Chlorotoluene	12.851	91	101484	20.075	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	127152	20.218	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	9277	20.113	ug/l	93
82) 4-Chlorotoluene	12.945	91	105681	19.465	ug/l	99
83) tert-Butylbenzene	13.169	119	111481	21.019	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	125152	19.608	ug/l	98
85) sec-Butylbenzene	13.345	105	173394	21.080	ug/l	96
86) p-Isopropyltoluene	13.457	119	141296	20.168	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	77186	20.318	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	77303	20.709	ug/l	99
89) n-Butylbenzene	13.786	91	135027	19.995	ug/l	97
90) Hexachloroethane	14.057	117	29542	20.516	ug/l	90
91) 1,2-Dichlorobenzene	13.833	146	66116	20.725	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4203	21.365	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	38941	20.770	ug/l	98
94) Hexachlorobutadiene	15.204	225	21128	21.590	ug/l	95
95) Naphthalene	15.327	128	68128	19.592	ug/l	98
96) 1,2,3-Trichlorobenzene	15.521	180	34762	21.877	ug/l	99

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

