

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011624\
 Data File : VD078171.D
 Acq On : 16 Jan 2024 17:00
 Operator : RP/MD
 Sample : VD0116SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0116SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/17/2024
 Supervised By :Semsettin Yesilyurt 01/17/2024

Quant Time: Jan 17 04:21:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 01:29:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	84625	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	153688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	139035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	66852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	49262	55.294	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.580%			
35) Dibromofluoromethane	7.810	113	54630	49.322	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.640%			
50) Toluene-d8	10.269	98	186446	50.192	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.380%			
62) 4-Bromofluorobenzene	12.575	95	59659	46.136	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 92.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	18235	23.942	ug/l	95
3) Chloromethane	2.152	50	25713	23.896	ug/l	97
4) Vinyl Chloride	2.287	62	36253	23.958	ug/l	97
5) Bromomethane	2.693	94	25736	22.153	ug/l	98
6) Chloroethane	2.840	64	27139	24.154	ug/l	94
7) Trichlorofluoromethane	3.181	101	38668	23.255	ug/l	94
8) Diethyl Ether	3.599	74	10494	24.068	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.975	101	23761	24.041	ug/l #	64
10) Methyl Iodide	4.163	142	20293	22.223	ug/l #	87
11) Tert butyl alcohol	5.052	59	6525	143.764	ug/l #	92
12) 1,1-Dichloroethene	3.946	96	19285	23.043	ug/l #	68
13) Acrolein	3.793	56	10109	138.833	ug/l	99
14) Allyl chloride	4.569	41	27857	24.916	ug/l #	86
15) Acrylonitrile	5.258	53	26819	131.471	ug/l	97
16) Acetone	4.022	43	34969	162.089	ug/l #	76
17) Carbon Disulfide	4.275	76	40814	21.881	ug/l #	94
18) Methyl Acetate	4.563	43	18220	22.720	ug/l #	88
19) Methyl tert-butyl Ether	5.328	73	48106	23.858	ug/l	98
20) Methylene Chloride	4.805	84	29534	23.734	ug/l #	84
21) trans-1,2-Dichloroethene	5.316	96	22672	23.803	ug/l	87
22) Diisopropyl ether	6.222	45	63396	24.114	ug/l	93
23) Vinyl Acetate	6.163	43	158431	134.150	ug/l #	92
24) 1,1-Dichloroethane	6.116	63	44026	24.002	ug/l	96
25) 2-Butanone	7.081	43	38826	141.076	ug/l	91
26) 2,2-Dichloropropane	7.081	77	37558	22.890	ug/l	97
27) cis-1,2-Dichloroethene	7.087	96	27915	23.838	ug/l	91
28) Bromochloromethane	7.422	49	15566	23.405	ug/l #	75
29) Tetrahydrofuran	7.452	42	16958	117.451	ug/l	90
30) Chloroform	7.599	83	48359	24.323	ug/l	100
31) Cyclohexane	7.887	56	29529	21.905	ug/l	93
32) 1,1,1-Trichloroethane	7.799	97	41056	23.873	ug/l	98
36) 1,1-Dichloropropene	8.010	75	30528	20.413	ug/l	95
37) Ethyl Acetate	7.175	43	13102	22.259	ug/l	96
38) Carbon Tetrachloride	7.993	117	35981	20.890	ug/l #	96
39) Methylcyclohexane	9.275	83	32828	19.946	ug/l	91
40) Benzene	8.251	78	94986	21.278	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.416	41	7488m	21.672	ug/l	
42) 1,2-Dichloroethane	8.328	62	27100	21.572	ug/l	93
43) Isopropyl Acetate	8.363	43	25757	22.699	ug/l	94
44) Trichloroethene	9.034	130	24911	20.638	ug/l	99
45) 1,2-Dichloropropane	9.304	63	24959	21.679	ug/l #	88
46) Dibromomethane	9.398	93	13947	21.897	ug/l	87
47) Bromodichloromethane	9.593	83	36665	21.652	ug/l	94
48) Methyl methacrylate	9.381	41	13049	20.809	ug/l #	80
49) 1,4-Dioxane	9.387	88	2499	448.818	ug/l #	72
51) 4-Methyl-2-Pentanone	10.163	43	68426	116.392	ug/l	89
52) Toluene	10.334	92	59614	21.145	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	32906	21.894	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	39141	22.826	ug/l #	87
55) 1,1,2-Trichloroethane	10.740	97	19656	22.002	ug/l	92
56) Ethyl methacrylate	10.598	69	15640	22.464	ug/l #	80
57) 1,3-Dichloropropane	10.881	76	33368	23.012	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	31231	98.241	ug/l	90
59) 2-Hexanone	10.922	43	56698	128.273	ug/l	80
60) Dibromochloromethane	11.075	129	24224	21.460	ug/l	96
61) 1,2-Dibromoethane	11.181	107	18598	22.612	ug/l	92
64) Tetrachloroethene	10.810	164	17846	18.958	ug/l #	72
65) Chlorobenzene	11.604	112	66414	20.761	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	25251	20.321	ug/l	98
67) Ethyl Benzene	11.687	91	117817	20.972	ug/l	93
68) m/p-Xylenes	11.798	106	87026	40.189	ug/l	87
69) o-Xylene	12.122	106	42050	20.970	ug/l	92
70) Styrene	12.139	104	61857	20.292	ug/l #	91
71) Bromoform	12.304	173	13379	21.302	ug/l #	95
73) Isopropylbenzene	12.422	105	113207	21.297	ug/l	95
74) N-amyl acetate	12.234	43	22973	23.630	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	23267	23.261	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	12709m	19.309	ug/l	
77) Bromobenzene	12.704	156	25810	21.137	ug/l	84
78) n-propylbenzene	12.763	91	140839	21.859	ug/l	95
79) 2-Chlorotoluene	12.851	91	76867	22.422	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	93127	21.110	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	6811	23.061	ug/l	92
82) 4-Chlorotoluene	12.951	91	78122	21.186	ug/l	94
83) tert-Butylbenzene	13.169	119	79916	20.691	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	93746	21.405	ug/l	94
85) sec-Butylbenzene	13.345	105	120641	21.319	ug/l	95
86) p-Isopropyltoluene	13.463	119	102981	20.553	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	54237	21.408	ug/l	95
88) 1,4-Dichlorobenzene	13.539	146	51344	20.517	ug/l	93
89) n-Butylbenzene	13.792	91	98741	20.752	ug/l	98
90) Hexachloroethane	14.057	117	23051	22.384	ug/l	83
91) 1,2-Dichlorobenzene	13.834	146	47027	21.518	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3158	23.300	ug/l	88
93) 1,2,4-Trichlorobenzene	15.104	180	26928	19.898	ug/l	98
94) Hexachlorobutadiene	15.204	225	14712	19.268	ug/l	96
95) Naphthalene	15.333	128	52924	22.060	ug/l	97
96) 1,2,3-Trichlorobenzene	15.528	180	23829	20.647	ug/l	99

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

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