

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022224\
 Data File : VD078510.D
 Acq On : 22 Feb 2024 11:44
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 23 01:00:40 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 02/23/2024
 Supervised By :Semsettin Yesilyurt 02/23/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	125871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	209085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	193313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	100634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	69177	50.829	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.660%			
35) Dibromofluoromethane	7.810	113	79535	59.884	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.760%			
50) Toluene-d8	10.269	98	307148	57.812	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 115.620%			
62) 4-Bromofluorobenzene	12.575	95	89474	57.871	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 115.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	66015	53.230	ug/l	99
3) Chloromethane	2.152	50	118032	51.787	ug/l	98
4) Vinyl Chloride	2.287	62	183000	52.619	ug/l	96
5) Bromomethane	2.693	94	133042	55.420	ug/l	98
6) Chloroethane	2.840	64	132836	52.379	ug/l	98
7) Trichlorofluoromethane	3.175	101	122888	52.380	ug/l	100
8) Diethyl Ether	3.593	74	35344	52.304	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.963	101	77562	52.405	ug/l	98
10) Methyl Iodide	4.163	142	78316	59.079	ug/l	93
11) Tert butyl alcohol	5.058	59	18209	246.784	ug/l #	92
12) 1,1-Dichloroethene	3.946	96	74011	53.938	ug/l	95
13) Acrolein	3.805	56	26776	212.963	ug/l	97
14) Allyl chloride	4.563	41	85023	50.157	ug/l	93
15) Acrylonitrile	5.258	53	74729	258.330	ug/l	99
16) Acetone	4.028	43	68234	262.126	ug/l	88
17) Carbon Disulfide	4.275	76	219403	47.519	ug/l	97
18) Methyl Acetate	4.569	43	61908	61.513	ug/l	95
19) Methyl tert-butyl Ether	5.322	73	153908	52.793	ug/l	98
20) Methylene Chloride	4.805	84	87830	57.428	ug/l	92
21) trans-1,2-Dichloroethene	5.316	96	86539	53.610	ug/l	99
22) Diisopropyl ether	6.216	45	194741	52.123	ug/l	98
23) Vinyl Acetate	6.157	43	366540	238.739	ug/l	98
24) 1,1-Dichloroethane	6.116	63	140176	52.962	ug/l	97
25) 2-Butanone	7.081	43	92627	269.873	ug/l #	82
26) 2,2-Dichloropropane	7.081	77	119577	53.894	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	95758	54.069	ug/l	97
28) Bromochloromethane	7.428	49	46359	44.223	ug/l	90
29) Tetrahydrofuran	7.452	42	52632	260.041	ug/l	95
30) Chloroform	7.604	83	152969	54.625	ug/l	93
31) Cyclohexane	7.875	56	107134	46.535	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	128871	53.976	ug/l	99
36) 1,1-Dichloropropene	8.010	75	114276	55.386	ug/l	98
37) Ethyl Acetate	7.169	43	39664	54.840	ug/l	93
38) Carbon Tetrachloride	7.999	117	116468	57.000	ug/l	98
39) Methylcyclohexane	9.275	83	136232	55.618	ug/l	92
40) Benzene	8.252	78	333713	55.957	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	20119	53.450	ug/l #	94
42) 1,2-Dichloroethane	8.328	62	83895	54.368	ug/l	97
43) Isopropyl Acetate	8.363	43	70133	52.365	ug/l	96
44) Trichloroethene	9.034	130	90817	59.691	ug/l	98
45) 1,2-Dichloropropane	9.304	63	80896	55.286	ug/l	99
46) Dibromomethane	9.399	93	46790	56.852	ug/l	92
47) Bromodichloromethane	9.587	83	116209	57.007	ug/l	97
48) Methyl methacrylate	9.381	41	41315	58.145	ug/l	85
49) 1,4-Dioxane	9.387	88	10791	1210.712	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	190470	267.953	ug/l	93
52) Toluene	10.334	92	215014	57.013	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	104443	56.151	ug/l	99
54) cis-1,3-Dichloropropene	10.022	75	125595	55.685	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	64417	58.120	ug/l	95
56) Ethyl methacrylate	10.598	69	51602	50.340	ug/l	94
57) 1,3-Dichloropropane	10.881	76	104397	55.372	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	157195	260.341	ug/l	99
59) 2-Hexanone	10.922	43	141293	264.495	ug/l	94
60) Dibromochloromethane	11.075	129	77823	58.358	ug/l	96
61) 1,2-Dibromoethane	11.181	107	59245	56.938	ug/l	99
64) Tetrachloroethene	10.810	164	72117	59.063	ug/l	95
65) Chlorobenzene	11.610	112	228671	58.839	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	85229	59.675	ug/l	95
67) Ethyl Benzene	11.687	91	412533	59.243	ug/l	97
68) m/p-Xylenes	11.793	106	327292	120.498	ug/l	93
69) o-Xylene	12.122	106	149879	60.467	ug/l	95
70) Styrene	12.134	104	230675	57.023	ug/l	98
71) Bromoform	12.298	173	45434	60.439	ug/l #	98
73) Isopropylbenzene	12.422	105	399371	59.101	ug/l	96
74) N-amyl acetate	12.234	43	63118	49.373	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	72678	54.219	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	46541m	54.475	ug/l	
77) Bromobenzene	12.698	156	93105	58.627	ug/l	93
78) n-propylbenzene	12.763	91	480580	57.069	ug/l	97
79) 2-Chlorotoluene	12.851	91	253265	56.152	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	329665	58.752	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	22155	53.835	ug/l	95
82) 4-Chlorotoluene	12.945	91	270863	55.915	ug/l	98
83) tert-Butylbenzene	13.169	119	289289	61.132	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	335966	58.996	ug/l	96
85) sec-Butylbenzene	13.345	105	424032	57.778	ug/l	95
86) p-Isopropyltoluene	13.463	119	380216	60.826	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	195451	57.664	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	189869	57.011	ug/l	98
89) n-Butylbenzene	13.787	91	346567	57.521	ug/l	99
90) Hexachloroethane	14.051	117	72420	56.368	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	166421	58.470	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9495	54.097	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	98725	59.019	ug/l	99
94) Hexachlorobutadiene	15.204	225	51934	59.481	ug/l	97
95) Naphthalene	15.333	128	185098	59.660	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	88572	62.477	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

