

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012224\
 Data File : VD078191.D
 Acq On : 22 Jan 2024 12:20
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/23/2024
 Supervised By :Semsettin Yesilyurt 01/23/2024

Quant Time: Jan 23 05:27:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:12:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	154553	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	267105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	253032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	121803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	179680	101.838	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 203.680%#			
35) Dibromofluoromethane	7.811	113	179334	102.015	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 204.040%#			
50) Toluene-d8	10.269	98	745661	107.125	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 214.240%#			
62) 4-Bromofluorobenzene	12.575	95	215462	106.738	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 213.480%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	143622	100.075	ug/l	100
3) Chloromethane	2.152	50	237444	99.192	ug/l	99
4) Vinyl Chloride	2.287	62	334575	91.291	ug/l	100
5) Bromomethane	2.687	94	243534	91.055	ug/l	99
6) Chloroethane	2.840	64	233536	91.224	ug/l	99
7) Trichlorofluoromethane	3.181	101	302654	90.789	ug/l	98
8) Diethyl Ether	3.599	74	93432	101.105	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.970	101	181763	94.140	ug/l	94
10) Methyl Iodide	4.170	142	212560	109.825	ug/l	# 90
11) Tert butyl alcohol	5.058	59	46746	538.169	ug/l	100
12) 1,1-Dichloroethene	3.946	96	183431	95.905	ug/l	88
13) Acrolein	3.799	56	104023	521.678	ug/l	99
14) Allyl chloride	4.570	41	235348	93.286	ug/l	90
15) Acrylonitrile	5.264	53	204427	492.974	ug/l	98
16) Acetone	4.023	43	203289	503.294	ug/l	# 83
17) Carbon Disulfide	4.275	76	574635	92.654	ug/l	98
18) Methyl Acetate	4.564	43	154270	101.629	ug/l	91
19) Methyl tert-butyl Ether	5.322	73	413598	103.699	ug/l	100
20) Methylene Chloride	4.805	84	206149	100.802	ug/l	# 88
21) trans-1,2-Dichloroethene	5.317	96	210110	95.066	ug/l	92
22) Diisopropyl ether	6.222	45	530129	99.303	ug/l	96
23) Vinyl Acetate	6.158	43	1357526	516.130	ug/l	# 92
24) 1,1-Dichloroethane	6.117	63	351626	95.322	ug/l	96
25) 2-Butanone	7.087	43	270328	496.396	ug/l	# 87
26) 2,2-Dichloropropane	7.081	77	305965	99.013	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	240665	101.370	ug/l	93
28) Bromochloromethane	7.434	49	141271	98.191	ug/l	# 79
29) Tetrahydrofuran	7.446	42	152001	522.199	ug/l	87
30) Chloroform	7.599	83	365595	97.453	ug/l	97
31) Cyclohexane	7.881	56	295584	90.608	ug/l	92
32) 1,1,1-Trichloroethane	7.799	97	311736	96.195	ug/l	99
36) 1,1-Dichloropropene	8.011	75	293656	101.583	ug/l	94
37) Ethyl Acetate	7.169	43	109145	101.419	ug/l	# 92
38) Carbon Tetrachloride	7.999	117	288325	100.988	ug/l	97
39) Methylcyclohexane	9.275	83	356861	104.384	ug/l	91
40) Benzene	8.252	78	848019	103.373	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.411	41	63427	109.530	ug/l #	84
42) 1,2-Dichloroethane	8.328	62	217827	102.053	ug/l	94
43) Isopropyl Acetate	8.363	43	208518	105.759	ug/l #	89
44) Trichloroethene	9.034	130	212167	101.093	ug/l	95
45) 1,2-Dichloropropane	9.310	63	205977	101.185	ug/l	100
46) Dibromomethane	9.399	93	114296	102.241	ug/l	89
47) Bromodichloromethane	9.587	83	281839	100.363	ug/l	97
48) Methyl methacrylate	9.381	41	123597	108.278	ug/l #	79
49) 1,4-Dioxane	9.387	88	22662	2095.037	ug/l #	89
51) 4-Methyl-2-Pentanone	10.157	43	549935	530.794	ug/l	91
52) Toluene	10.334	92	540917	104.024	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	281824	108.782	ug/l	99
54) cis-1,3-Dichloropropene	10.022	75	330324	106.360	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	151989	101.606	ug/l	95
56) Ethyl methacrylate	10.599	69	138031	112.723	ug/l #	85
57) 1,3-Dichloropropane	10.881	76	266839	104.308	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	411236	560.408	ug/l	95
59) 2-Hexanone	10.922	43	408340	485.009	ug/l	88
60) Dibromochloromethane	11.075	129	186206	105.582	ug/l	96
61) 1,2-Dibromoethane	11.181	107	145106	105.235	ug/l	100
64) Tetrachloroethene	10.810	164	165098	99.789	ug/l	90
65) Chlorobenzene	11.610	112	557606	99.757	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	208558	104.409	ug/l	96
67) Ethyl Benzene	11.687	91	1071087	105.299	ug/l	97
68) m/p-Xylenes	11.793	106	814619	209.689	ug/l	89
69) o-Xylene	12.122	106	376694	106.844	ug/l	91
70) Styrene	12.134	104	571093	108.098	ug/l	95
71) Bromoform	12.299	173	102863	103.985	ug/l #	98
73) Isopropylbenzene	12.422	105	981083	102.441	ug/l	96
74) N-amyl acetate	12.234	43	191499	104.513	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	171726	96.365	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	122990m	109.258	ug/l	
77) Bromobenzene	12.704	156	212912	101.399	ug/l	84
78) n-propylbenzene	12.763	91	1207456	101.653	ug/l	95
79) 2-Chlorotoluene	12.851	91	635268	100.220	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	826116	104.031	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	58710	108.251	ug/l	96
82) 4-Chlorotoluene	12.946	91	682826	102.191	ug/l	93
83) tert-Butylbenzene	13.169	119	700518	105.526	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	850880	105.946	ug/l	95
85) sec-Butylbenzene	13.346	105	1031164	102.587	ug/l	96
86) p-Isopropyltoluene	13.463	119	935053	106.898	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	452690	104.129	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	426168	99.224	ug/l	97
89) n-Butylbenzene	13.787	91	880332	103.383	ug/l	97
90) Hexachloroethane	14.051	117	171573	99.993	ug/l	84
91) 1,2-Dichlorobenzene	13.834	146	367757	100.598	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	24271	95.306	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	231130	102.281	ug/l	97
94) Hexachlorobutadiene	15.204	225	111438	102.051	ug/l	100
95) Naphthalene	15.334	128	473626	112.101	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	201206	106.125	ug/l	99

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

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