

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070824\
 Data File : VD079345.D
 Acq On : 08 Jul 2024 16:17
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/09/2024
 Supervised By :Semsettin Yesilyurt 07/09/2024

Quant Time: Jul 08 16:54:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 16:50:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	205826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	358029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	345008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	176133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	227453	93.774	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 187.540%#			
35) Dibromofluoromethane	7.804	113	249952	98.959	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 197.920%#			
50) Toluene-d8	10.269	98	994174	102.107	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 204.220%#			
62) 4-Bromofluorobenzene	12.569	95	314740	104.004	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 208.000%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	179277	93.943	ug/l	98
3) Chloromethane	2.146	50	228093	89.267	ug/l	98
4) Vinyl Chloride	2.275	62	244798	93.216	ug/l	98
5) Bromomethane	2.669	94	165062	100.861	ug/l	97
6) Chloroethane	2.822	64	127169	90.377	ug/l	91
7) Trichlorofluoromethane	3.163	101	360827	94.034	ug/l	98
8) Diethyl Ether	3.587	74	130001	106.051	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.957	101	237600	98.717	ug/l	97
10) Methyl Iodide	4.152	142	293964	110.727	ug/l	98
11) Tert butyl alcohol	5.057	59	74115	478.679	ug/l #	84
12) 1,1-Dichloroethene	3.928	96	239166	100.058	ug/l	94
13) Acrolein	3.793	56	87807	457.438	ug/l	97
14) Allyl chloride	4.552	41	322093	105.744	ug/l	84
15) Acrylonitrile	5.252	53	299180	529.858	ug/l	98
16) Acetone	4.016	43	230313	499.252	ug/l	99
17) Carbon Disulfide	4.257	76	744718	98.618	ug/l	99
18) Methyl Acetate	4.563	43	142195	98.511	ug/l #	87
19) Methyl tert-butyl Ether	5.310	73	583743	109.888	ug/l	97
20) Methylene Chloride	4.793	84	323201	100.171	ug/l	94
21) trans-1,2-Dichloroethene	5.304	96	271084	102.093	ug/l	87
22) Diisopropyl ether	6.210	45	705969	103.501	ug/l	95
23) Vinyl Acetate	6.151	43	2899036	555.381	ug/l	94
24) 1,1-Dichloroethane	6.104	63	459546	99.922	ug/l	95
25) 2-Butanone	7.081	43	354194	540.535	ug/l	95
26) 2,2-Dichloropropane	7.069	77	371879	96.547	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	319638	103.115	ug/l	91
28) Bromochloromethane	7.422	49	181435	93.594	ug/l #	77
29) Tetrahydrofuran	7.446	42	221942	555.699	ug/l	88
30) Chloroform	7.593	83	477625	98.927	ug/l	98
31) Cyclohexane	7.875	56	360727	98.343	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	398489	98.732	ug/l	99
36) 1,1-Dichloropropene	8.004	75	337356	105.138	ug/l	96
37) Ethyl Acetate	7.163	43	155643	112.010	ug/l	98
38) Carbon Tetrachloride	7.987	117	347209	102.799	ug/l	98
39) Methylcyclohexane	9.269	83	423348	113.148	ug/l	93
40) Benzene	8.245	78	1092232	106.325	ug/l	98

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41) Methacrylonitrile	7.398	41	86307	103.315	ug/l	87
42) 1,2-Dichloroethane	8.322	62	256597	103.324	ug/l	96
43) Isopropyl Acetate	8.357	43	284414	112.005	ug/l	96
44) Trichloroethene	9.028	130	253013	103.321	ug/l	90
45) 1,2-Dichloropropane	9.304	63	266608	106.319	ug/l	97
46) Dibromomethane	9.392	93	154698	105.212	ug/l	93
47) Bromodichloromethane	9.581	83	371508	103.343	ug/l	98
48) Methyl methacrylate	9.381	41	129806	101.211	ug/l	90
49) 1,4-Dioxane	9.381	88	34943	2098.565	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	778501	572.573	ug/l	98
52) Toluene	10.334	92	694544	109.827	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	353081	108.416	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	416708	107.118	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	205366	104.046	ug/l	94
56) Ethyl methacrylate	10.598	69	284533	102.938	ug/l	97
57) 1,3-Dichloropropane	10.875	76	352244	108.766	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	611909	512.224	ug/l	92
59) 2-Hexanone	10.922	43	565520	582.139	ug/l	99
60) Dibromochloromethane	11.069	129	267151	105.443	ug/l	98
61) 1,2-Dibromoethane	11.175	107	199228	107.049	ug/l	97
64) Tetrachloroethene	10.804	164	214092	105.857	ug/l	92
65) Chlorobenzene	11.604	112	753074	103.992	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	259597	106.250	ug/l	96
67) Ethyl Benzene	11.681	91	1348897	111.578	ug/l	98
68) m/p-Xylenes	11.792	106	1046333	224.140	ug/l	90
69) o-Xylene	12.116	106	496397	113.641	ug/l	87
70) Styrene	12.134	104	888087	113.935	ug/l	96
71) Bromoform	12.292	173	153082	108.144	ug/l #	99
73) Isopropylbenzene	12.416	105	1266306	107.712	ug/l	98
74) N-amyl acetate	12.233	43	286929	108.602	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	248632	100.102	ug/l	97
76) 1,2,3-Trichloropropane	12.716	75	148362m	84.441	ug/l	
77) Bromobenzene	12.698	156	290374	104.383	ug/l	83
78) n-propylbenzene	12.757	91	1564532	106.770	ug/l	96
79) 2-Chlorotoluene	12.845	91	885024	105.311	ug/l	92
80) 1,3,5-Trimethylbenzene	12.898	105	1066309	107.008	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.463	75	90955	101.336	ug/l	97
82) 4-Chlorotoluene	12.945	91	927619	103.720	ug/l	93
83) tert-Butylbenzene	13.163	119	903308	108.553	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	1102714	109.094	ug/l	97
85) sec-Butylbenzene	13.339	105	1388729	108.886	ug/l	96
86) p-Isopropyltoluene	13.457	119	1182788	111.982	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	606365	103.364	ug/l	96
88) 1,4-Dichlorobenzene	13.533	146	590082	99.938	ug/l	96
89) n-Butylbenzene	13.786	91	1111001	108.201	ug/l	96
90) Hexachloroethane	14.051	117	232814	99.773	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	530979	102.034	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	36546	104.756	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	319521	109.264	ug/l	98
94) Hexachlorobutadiene	15.198	225	160057	103.202	ug/l	95
95) Naphthalene	15.327	128	703850	121.070	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	283783	108.637	ug/l	99

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

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