

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062824\
 Data File : VD079283.D
 Acq On : 28 Jun 2024 15:21
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/01/2024
 Supervised By :Semsettin Yesilyurt 07/01/2024

Quant Time: Jun 29 06:08:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 05:53:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	186761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	329024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	306546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	146354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	172524	98.428	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 196.860%#			
35) Dibromofluoromethane	7.805	113	195133	90.352	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 180.700%#			
50) Toluene-d8	10.269	98	684642	88.119	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 176.240%#			
62) 4-Bromofluorobenzene	12.569	95	250847	100.684	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 201.360%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.929	85	195182	92.465	ug/l	98
3) Chloromethane	2.146	50	289957	90.589	ug/l	98
4) Vinyl Chloride	2.276	62	320300	89.741	ug/l	98
5) Bromomethane	2.670	94	264036	98.235	ug/l	99
6) Chloroethane	2.823	64	231337	91.371	ug/l	99
7) Trichlorofluoromethane	3.164	101	369574	90.524	ug/l	97
8) Diethyl Ether	3.587	74	119887	99.836	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.958	101	234959	92.632	ug/l	92
10) Methyl Iodide	4.158	142	286585	103.724	ug/l	97
11) Tert butyl alcohol	5.058	59	60947	487.711	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	239640	97.599	ug/l	87
13) Acrolein	3.793	56	119136	482.049	ug/l	99
14) Allyl chloride	4.558	41	312224	99.640	ug/l	87
15) Acrylonitrile	5.246	53	271573	496.175	ug/l	99
16) Acetone	4.017	43	244106	550.709	ug/l	99
17) Carbon Disulfide	4.264	76	821090	95.193	ug/l	99
18) Methyl Acetate	4.558	43	123631	96.005	ug/l #	87
19) Methyl tert-butyl Ether	5.317	73	523087	103.979	ug/l	98
20) Methylene Chloride	4.799	84	290533	100.860	ug/l	92
21) trans-1,2-Dichloroethene	5.305	96	264419	95.836	ug/l #	85
22) Diisopropyl ether	6.217	45	681240	99.920	ug/l	94
23) Vinyl Acetate	6.152	43	2733123	529.593	ug/l	94
24) 1,1-Dichloroethane	6.111	63	451654	94.488	ug/l	96
25) 2-Butanone	7.081	43	330331	534.930	ug/l	98
26) 2,2-Dichloropropane	7.069	77	365494	96.854	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	306046	101.251	ug/l	87
28) Bromochloromethane	7.422	49	186128	93.389	ug/l #	72
29) Tetrahydrofuran	7.446	42	200324	522.198	ug/l	86
30) Chloroform	7.593	83	462376	93.771	ug/l	99
31) Cyclohexane	7.875	56	376194	94.758	ug/l	83
32) 1,1,1-Trichloroethane	7.793	97	382408	94.488	ug/l	98
36) 1,1-Dichloropropene	8.005	75	344370	102.631	ug/l	95
37) Ethyl Acetate	7.169	43	138933	108.776	ug/l	97
38) Carbon Tetrachloride	7.987	117	336655	98.798	ug/l	95
39) Methylcyclohexane	9.269	83	437215	110.753	ug/l	91
40) Benzene	8.246	78	1069239	102.138	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	79178	112.779	ug/l #	85
42) 1,2-Dichloroethane	8.322	62	248434	98.674	ug/l	96
43) Isopropyl Acetate	8.358	43	254655	103.309	ug/l	96
44) Trichloroethene	9.028	130	233007	97.440	ug/l	81
45) 1,2-Dichloropropane	9.299	63	252702	99.140	ug/l	96
46) Dibromomethane	9.393	93	142028	98.245	ug/l	89
47) Bromodichloromethane	9.581	83	350133	98.972	ug/l	95
48) Methyl methacrylate	9.381	41	121090	108.872	ug/l	87
49) 1,4-Dioxane	9.381	88	30677	2070.826	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	691886	539.368	ug/l	98
52) Toluene	10.334	92	669300	105.019	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	333359	104.343	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	394424	102.893	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	184880	99.153	ug/l	94
56) Ethyl methacrylate	10.593	69	256797	98.651	ug/l	95
57) 1,3-Dichloropropane	10.875	76	321275	100.779	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	570104	480.191	ug/l	89
59) 2-Hexanone	10.916	43	508796	558.531	ug/l	100
60) Dibromochloromethane	11.069	129	232280	98.689	ug/l	97
61) 1,2-Dibromoethane	11.175	107	174925	102.329	ug/l	97
64) Tetrachloroethene	10.805	164	195048	102.122	ug/l	89
65) Chlorobenzene	11.604	112	688024	100.908	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	230503	99.322	ug/l	96
67) Ethyl Benzene	11.681	91	1296620	108.979	ug/l	95
68) m/p-Xylenes	11.793	106	985990	214.850	ug/l	88
69) o-Xylene	12.116	106	454935	110.351	ug/l	84
70) Styrene	12.134	104	800686	108.904	ug/l	95
71) Bromoform	12.293	173	124323	98.780	ug/l #	98
73) Isopropylbenzene	12.416	105	1175141	108.012	ug/l	97
74) N-amyl acetate	12.234	43	252926	105.916	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	218216	96.216	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	159187m	109.656	ug/l	
77) Bromobenzene	12.699	156	248745	101.637	ug/l	79
78) n-propylbenzene	12.763	91	1469659	105.515	ug/l	94
79) 2-Chlorotoluene	12.846	91	817743	105.016	ug/l	90
80) 1,3,5-Trimethylbenzene	12.904	105	978962	106.277	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.463	75	83752	106.109	ug/l	93
82) 4-Chlorotoluene	12.946	91	839635	102.629	ug/l	92
83) tert-Butylbenzene	13.163	119	818711	109.721	ug/l	90
84) 1,2,4-Trimethylbenzene	13.210	105	1002799	108.764	ug/l	95
85) sec-Butylbenzene	13.340	105	1275417	107.425	ug/l	95
86) p-Isopropyltoluene	13.457	119	1078033	110.009	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	525472	100.972	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	505602	97.755	ug/l	96
89) n-Butylbenzene	13.787	91	1050580	109.254	ug/l	96
90) Hexachloroethane	14.051	117	211097	97.937	ug/l	87
91) 1,2-Dichlorobenzene	13.828	146	445265	99.422	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	30223	97.202	ug/l	81
93) 1,2,4-Trichlorobenzene	15.098	180	256031	107.217	ug/l	97
94) Hexachlorobutadiene	15.198	225	134485	101.278	ug/l	97
95) Naphthalene	15.328	128	566399	121.516	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	227497	107.741	ug/l	99

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

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