

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101124\
 Data File : VD079965.D
 Acq On : 11 Oct 2024 13:11
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 14 02:52:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101124S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 02:41:36 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	175542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	269542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	246926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	136280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	184282	92.286	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 184.580%#			
35) Dibromofluoromethane	7.799	113	191107	98.232	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 196.460%#			
50) Toluene-d8	10.269	98	734245	105.909	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 211.820%#			
62) 4-Bromofluorobenzene	12.569	95	253699	104.830	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 209.660%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	153947	89.228	ug/l	100
3) Chloromethane	2.146	50	162316	91.597	ug/l	96
4) Vinyl Chloride	2.281	62	204824	92.963	ug/l	100
5) Bromomethane	2.687	94	164132	86.594	ug/l	99
6) Chloroethane	2.834	64	142358	94.646	ug/l	97
7) Trichlorofluoromethane	3.170	101	313690	90.875	ug/l	98
8) Diethyl Ether	3.593	74	84203	88.803	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	178979	84.419	ug/l	100
10) Methyl Iodide	4.164	142	204791	98.508	ug/l	98
11) Tert butyl alcohol	5.052	59	49126	400.385	ug/l #	85
12) 1,1-Dichloroethene	3.940	96	177226	93.965	ug/l	95
13) Acrolein	3.793	56	50065	382.307	ug/l	100
14) Allyl chloride	4.558	41	269000	96.021	ug/l	99
15) Acrylonitrile	5.252	53	185183	408.730	ug/l	98
16) Acetone	4.022	43	210596	406.875	ug/l	98
17) Carbon Disulfide	4.269	76	512269	97.437	ug/l	98
18) Methyl Acetate	4.564	43	93201	83.882	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	392082	90.009	ug/l	97
20) Methylene Chloride	4.799	84	202117	96.267	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	193497	95.542	ug/l	98
22) Diisopropyl ether	6.211	45	565461	93.071	ug/l	98
23) Vinyl Acetate	6.152	43	1571117	460.246	ug/l	99
24) 1,1-Dichloroethane	6.111	63	360069	89.954	ug/l	99
25) 2-Butanone	7.075	43	257924	409.228	ug/l	98
26) 2,2-Dichloropropane	7.075	77	312382	90.199	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	230041	91.340	ug/l	99
28) Bromochloromethane	7.422	49	151129	88.460	ug/l #	99
29) Tetrahydrofuran	7.440	42	146652	435.071	ug/l	99
30) Chloroform	7.593	83	365975	86.314	ug/l	97
31) Cyclohexane	7.875	56	276008	90.963	ug/l	98
32) 1,1,1-Trichloroethane	7.787	97	313129	89.151	ug/l	98
36) 1,1-Dichloropropene	8.005	75	253162	97.092	ug/l	99
37) Ethyl Acetate	7.169	43	103347	81.870	ug/l	98
38) Carbon Tetrachloride	7.987	117	271045	93.543	ug/l	98
39) Methylcyclohexane	9.275	83	295687	101.055	ug/l	98
40) Benzene	8.246	78	789552	95.753	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	63065	95.131	ug/l	92
42) 1,2-Dichloroethane	8.322	62	200164	88.270	ug/l	99
43) Isopropyl Acetate	8.363	43	205301	88.277	ug/l	97
44) Trichloroethene	9.028	130	191987	94.121	ug/l	98
45) 1,2-Dichloropropane	9.305	63	191770	91.715	ug/l	97
46) Dibromomethane	9.393	93	103551	89.757	ug/l	99
47) Bromodichloromethane	9.581	83	276581	90.395	ug/l	97
48) Methyl methacrylate	9.381	41	97701	93.265	ug/l	98
49) 1,4-Dioxane	9.387	88	22227	1753.353	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	533295	448.221	ug/l	100
52) Toluene	10.328	92	496251	98.296	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	251016	93.687	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	297616	94.136	ug/l	100
55) 1,1,2-Trichloroethane	10.728	97	141401	87.257	ug/l	96
56) Ethyl methacrylate	10.593	69	183545	96.950	ug/l	97
57) 1,3-Dichloropropane	10.875	76	236873	90.572	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	382435	545.910	ug/l	100
59) 2-Hexanone	10.916	43	399974	453.890	ug/l	98
60) Dibromochloromethane	11.069	129	187129	88.874	ug/l	100
61) 1,2-Dibromoethane	11.175	107	130586	87.556	ug/l	99
64) Tetrachloroethene	10.804	164	164679	94.553	ug/l	95
65) Chlorobenzene	11.604	112	530922	92.388	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	192416	93.202	ug/l	97
67) Ethyl Benzene	11.681	91	987978	101.646	ug/l	99
68) m/p-Xylenes	11.793	106	748433	200.641	ug/l	99
69) o-Xylene	12.116	106	352805	102.225	ug/l	96
70) Styrene	12.134	104	624679	101.715	ug/l	99
71) Bromoform	12.298	173	109457	88.161	ug/l #	97
73) Isopropylbenzene	12.416	105	928768	100.181	ug/l	99
74) N-amyl acetate	12.234	43	202726	90.413	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	160674	85.479	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	127796m	88.341	ug/l	
77) Bromobenzene	12.698	156	221251	92.248	ug/l	99
78) n-propylbenzene	12.763	91	1139083	98.828	ug/l	100
79) 2-Chlorotoluene	12.845	91	647052	96.629	ug/l	100
80) 1,3,5-Trimethylbenzene	12.898	105	768545	98.361	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	58639	87.039	ug/l	100
82) 4-Chlorotoluene	12.945	91	681677	94.757	ug/l	100
83) tert-Butylbenzene	13.163	119	663516	99.080	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	788986	100.556	ug/l	99
85) sec-Butylbenzene	13.345	105	1016002	98.713	ug/l	99
86) p-Isopropyltoluene	13.457	119	870362	101.365	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	452094	92.130	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	442905	90.338	ug/l	98
89) n-Butylbenzene	13.787	91	816649	98.333	ug/l	99
90) Hexachloroethane	14.051	117	169908	89.520	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	390891	91.187	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	25257	80.472	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	253212	94.257	ug/l	99
94) Hexachlorobutadiene	15.198	225	138913	93.903	ug/l	98
95) Naphthalene	15.328	128	457605	95.514	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	221051	92.850	ug/l	100

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

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