

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101124\
 Data File : VD079966.D
 Acq On : 11 Oct 2024 13:38
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 14 02:53:29 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	196317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	305528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	282131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	157644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	289991	129.856	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 259.720%#			
35) Dibromofluoromethane	7.804	113	296631	134.514	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 269.020%#			
50) Toluene-d8	10.269	98	1127140	143.432	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 286.860%#			
62) 4-Bromofluorobenzene	12.569	95	394362	143.759	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 287.520%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	255494	132.413	ug/l	99
3) Chloromethane	2.146	50	256962	129.662	ug/l	99
4) Vinyl Chloride	2.281	62	317982	129.050	ug/l	99
5) Bromomethane	2.663	94	259899	122.609	ug/l	99
6) Chloroethane	2.822	64	218365	129.816	ug/l	95
7) Trichlorofluoromethane	3.163	101	522764	135.416	ug/l	100
8) Diethyl Ether	3.593	74	157145	148.192	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.963	101	312146	131.649	ug/l	99
10) Methyl Iodide	4.157	142	383192	164.817	ug/l	98
11) Tert butyl alcohol	5.057	59	101131	737.011	ug/l #	86
12) 1,1-Dichloroethene	3.934	96	305013	144.605	ug/l	95
13) Acrolein	3.793	56	91232	622.943	ug/l	99
14) Allyl chloride	4.557	41	471649	150.542	ug/l	99
15) Acrylonitrile	5.251	53	378351	746.712	ug/l	99
16) Acetone	4.022	43	414814	716.618	ug/l	97
17) Carbon Disulfide	4.263	76	862861	146.753	ug/l	99
18) Methyl Acetate	4.563	43	179311	144.304	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	747108	153.361	ug/l	99
20) Methylene Chloride	4.799	84	349697	151.353	ug/l	93
21) trans-1,2-Dichloroethene	5.304	96	334665	147.759	ug/l	97
22) Diisopropyl ether	6.216	45	992617	146.089	ug/l	98
23) Vinyl Acetate	6.151	43	3005471	787.258	ug/l	100
24) 1,1-Dichloroethane	6.104	63	599763	133.980	ug/l	99
25) 2-Butanone	7.081	43	521954	740.507	ug/l	98
26) 2,2-Dichloropropane	7.075	77	529822	136.794	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	400183	142.082	ug/l	98
28) Bromochloromethane	7.422	49	237675	124.396	ug/l #	100
29) Tetrahydrofuran	7.445	42	294111	780.201	ug/l	99
30) Chloroform	7.593	83	630934	133.056	ug/l	97
31) Cyclohexane	7.875	56	485723	143.139	ug/l	97
32) 1,1,1-Trichloroethane	7.792	97	536168	136.498	ug/l	99
36) 1,1-Dichloropropene	8.004	75	437685	148.089	ug/l	98
37) Ethyl Acetate	7.169	43	209982	146.752	ug/l	97
38) Carbon Tetrachloride	7.992	117	459839	140.007	ug/l	98
39) Methylcyclohexane	9.269	83	552698	166.644	ug/l	98
40) Benzene	8.251	78	1358927	145.393	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	121921	162.250	ug/l	93
42) 1,2-Dichloroethane	8.322	62	356185	138.573	ug/l	99
43) Isopropyl Acetate	8.357	43	402846	152.816	ug/l	96
44) Trichloroethene	9.028	130	337384	145.919	ug/l	98
45) 1,2-Dichloropropane	9.304	63	335634	141.612	ug/l	95
46) Dibromomethane	9.392	93	189936	145.244	ug/l	98
47) Bromodichloromethane	9.581	83	488990	140.992	ug/l	98
48) Methyl methacrylate	9.381	41	191262	161.074	ug/l	98
49) 1,4-Dioxane	9.381	88	46371	3227.084	ug/l	89
51) 4-Methyl-2-Pentanone	10.157	43	1071051	794.165	ug/l	100
52) Toluene	10.334	92	871420	152.279	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	465321	153.217	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	539236	150.472	ug/l	100
55) 1,1,2-Trichloroethane	10.733	97	264225	143.845	ug/l	99
56) Ethyl methacrylate	10.598	69	362531	168.938	ug/l	96
57) 1,3-Dichloropropane	10.875	76	440576	148.619	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	654445	824.161	ug/l	98
59) 2-Hexanone	10.922	43	804396	805.312	ug/l	97
60) Dibromochloromethane	11.075	129	341555	143.111	ug/l	99
61) 1,2-Dibromoethane	11.175	107	246206	145.634	ug/l	99
64) Tetrachloroethene	10.810	164	295455	148.473	ug/l	98
65) Chlorobenzene	11.604	112	949599	144.625	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	344667	146.117	ug/l	97
67) Ethyl Benzene	11.681	91	1765418	158.967	ug/l	96
68) m/p-Xylenes	11.792	106	1348227	316.335	ug/l	100
69) o-Xylene	12.116	106	636960	161.529	ug/l	95
70) Styrene	12.133	104	1118795	159.438	ug/l	100
71) Bromoform	12.298	173	202645	142.851	ug/l #	99
73) Isopropylbenzene	12.416	105	1677100	156.384	ug/l	99
74) N-amyl acetate	12.233	43	404741	156.046	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	311422	143.224	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	245378m	146.635	ug/l	
77) Bromobenzene	12.698	156	395823	142.668	ug/l	98
78) n-propylbenzene	12.763	91	2043550	153.273	ug/l	99
79) 2-Chlorotoluene	12.845	91	1158897	149.612	ug/l	100
80) 1,3,5-Trimethylbenzene	12.898	105	1397823	154.654	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	112553	144.425	ug/l	99
82) 4-Chlorotoluene	12.945	91	1216537	146.188	ug/l	99
83) tert-Butylbenzene	13.163	119	1225266	158.169	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	1444719	159.175	ug/l	99
85) sec-Butylbenzene	13.345	105	1871966	157.229	ug/l	100
86) p-Isopropyltoluene	13.457	119	1613060	162.403	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	827774	145.828	ug/l	100
88) 1,4-Dichlorobenzene	13.533	146	788361	139.007	ug/l	99
89) n-Butylbenzene	13.786	91	1524245	158.663	ug/l	98
90) Hexachloroethane	14.051	117	311279	141.779	ug/l	98
91) 1,2-Dichlorobenzene	13.827	146	711280	143.441	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	48868	134.599	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	484620	155.950	ug/l	99
94) Hexachlorobutadiene	15.198	225	257090	150.237	ug/l	98
95) Naphthalene	15.327	128	934788	168.672	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	431524	156.693	ug/l	99

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

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