

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071822\
 Data File : VD073853.D
 Acq On : 18 Jul 2022 17:10
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/19/2022
 Supervised By :Mahesh Dadoda 07/19/2022

Quant Time: Jul 19 01:19:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 01:16:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	154460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	252825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	244059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	125433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	251829	126.552	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 253.100%#			
35) Dibromofluoromethane	7.909	113	255796	144.551	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 289.100%#			
50) Toluene-d8	10.332	98	989543	154.729	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 309.460%#			
62) 4-Bromofluorobenzene	12.620	95	343521	146.607	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 293.220%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	208438	103.346	ug/l	97
3) Chloromethane	2.209	50	309998	135.860	ug/l	98
4) Vinyl Chloride	2.344	62	464896	207.345	ug/l	98
5) Bromomethane	2.738	94	336077	224.645	ug/l	98
6) Chloroethane	2.903	64	311671	216.590	ug/l	100
7) Trichlorofluoromethane	3.256	101	420682	122.475	ug/l	98
8) Diethyl Ether	3.703	74	107690	111.320	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.079	101	229488	113.475	ug/l	99
10) Methyl Iodide	4.291	142	277398	135.824	ug/l	97
11) Tert butyl alcohol	5.232	59	67695	408.024	ug/l	99
12) 1,1-Dichloroethene	4.056	96	215556	118.354	ug/l	94
13) Acrolein	3.920	56	53404	399.928	ug/l	100
14) Allyl chloride	4.703	41	321244	111.326	ug/l #	90
15) Acrylonitrile	5.415	53	224521	497.333	ug/l	99
16) Acetone	4.156	43	191954	471.977	ug/l	93
17) Carbon Disulfide	4.397	76	680507	118.965	ug/l	100
18) Methyl Acetate	4.709	43	102176	90.453	ug/l	91
19) Methyl tert-butyl Ether	5.473	73	538030	123.825	ug/l	97
20) Methylene Chloride	4.956	84	254407	82.942	ug/l	86
21) trans-1,2-Dichloroethene	5.462	96	258438	123.877	ug/l	92
22) Diisopropyl ether	6.356	45	709397	112.727	ug/l #	96
23) Vinyl Acetate	6.297	43	2050670	587.735	ug/l #	92
24) 1,1-Dichloroethane	6.250	63	442626	114.825	ug/l	99
25) 2-Butanone	7.203	43	290280	519.796	ug/l #	90
26) 2,2-Dichloropropane	7.203	77	399014	122.131	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	300004	125.702	ug/l	90
28) Bromochloromethane	7.538	49	175641	122.148	ug/l #	77
29) Tetrahydrofuran	7.561	42	188325	531.508	ug/l #	85
30) Chloroform	7.703	83	495021	120.445	ug/l	96
31) Cyclohexane	7.979	56	379538	112.173	ug/l	87
32) 1,1,1-Trichloroethane	7.897	97	462026	130.357	ug/l	96
36) 1,1-Dichloropropene	8.103	75	368720	131.031	ug/l	96
37) Ethyl Acetate	7.285	43	136718	110.519	ug/l #	94
38) Carbon Tetrachloride	8.091	117	418824	141.597	ug/l	94
39) Methylcyclohexane	9.350	83	445186	135.999	ug/l	94
40) Benzene	8.344	78	1032684	127.582	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	81093	110.052	ug/l #	91
42) 1,2-Dichloroethane	8.414	62	307157	125.569	ug/l	98
43) Isopropyl Acetate	8.444	43	274457	117.540	ug/l #	93
44) Trichloroethene	9.103	130	283336	130.595	ug/l	96
45) 1,2-Dichloropropane	9.379	63	243908	116.435	ug/l	99
46) Dibromomethane	9.467	93	149169	126.617	ug/l	99
47) Bromodichloromethane	9.655	83	381008	126.356	ug/l #	98
48) Methyl methacrylate	9.444	41	133539	117.627	ug/l #	84
49) 1,4-Dioxane	9.455	88	32696	2496.602	ug/l	91
51) 4-Methyl-2-Pentanone	10.220	43	706275	585.544	ug/l	94
52) Toluene	10.397	92	726251	142.960	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	364284	131.855	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	420032	130.627	ug/l	92
55) 1,1,2-Trichloroethane	10.791	97	196039	124.823	ug/l	98
56) Ethyl methacrylate	10.650	69	244777	133.537	ug/l	88
57) 1,3-Dichloropropane	10.938	76	335063	124.163	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	588227	658.343	ug/l	92
59) 2-Hexanone	10.973	43	480297	594.079	ug/l	92
60) Dibromochloromethane	11.132	129	271175	134.851	ug/l	100
61) 1,2-Dibromoethane	11.238	107	201577	131.082	ug/l	100
64) Tetrachloroethene	10.867	164	237366	134.344	ug/l	98
65) Chlorobenzene	11.661	112	746545	134.644	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	291534	140.114	ug/l	99
67) Ethyl Benzene	11.732	91	1409490	146.152	ug/l	97
68) m/p-Xylenes	11.844	106	1123723	300.796	ug/l	97
69) o-Xylene	12.167	106	526027	151.076	ug/l	95
70) Styrene	12.185	104	902227	150.191	ug/l	98
71) Bromoform	12.349	173	155655	137.289	ug/l #	99
73) Isopropylbenzene	12.467	105	1397410	144.216	ug/l	99
74) N-amyl acetate	12.279	43	280317	120.299	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	222173	114.955	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	215611m	159.971	ug/l	
77) Bromobenzene	12.749	156	310297	135.779	ug/l	86
78) n-propylbenzene	12.808	91	1664034	136.846	ug/l	97
79) 2-Chlorotoluene	12.896	91	934267	132.032	ug/l	96
80) 1,3,5-Trimethylbenzene	12.944	105	1175973	143.155	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	73887	125.052	ug/l	88
82) 4-Chlorotoluene	12.991	91	987600	133.085	ug/l	97
83) tert-Butylbenzene	13.208	119	1000086	143.093	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	1186158	144.329	ug/l	99
85) sec-Butylbenzene	13.385	105	1507444	142.877	ug/l	99
86) p-Isopropyltoluene	13.502	119	1297158	148.769	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	638089	136.893	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	626444	135.330	ug/l	99
89) n-Butylbenzene	13.826	91	1198409	143.037	ug/l	99
90) Hexachloroethane	14.096	117	240620	134.871	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	543195	134.253	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	36540	118.028	ug/l	86
93) 1,2,4-Trichlorobenzene	15.143	180	337582	140.874	ug/l	100
94) Hexachlorobutadiene	15.249	225	171829	131.612	ug/l	99
95) Naphthalene	15.379	128	651675	148.141	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	291502	137.692	ug/l	100

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

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