

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063022\
 Data File : VD073751.D
 Acq On : 30 Jun 2022 15:59
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/01/2022
 Supervised By :Mahesh Dadoda 07/05/2022

Quant Time: Jul 01 02:28:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 01 02:25:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	238211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	433983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	387742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	170998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	13137	5.653	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	11.300%#		
35) Dibromofluoromethane	7.902	113	12301	5.218	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.440%#		
50) Toluene-d8	10.332	98	48553	5.614	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	11.220%#		
62) 4-Bromofluorobenzene	12.620	95	18409	5.397	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	10.800%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	8900	6.057	ug/l	92
3) Chloromethane	2.209	50	8969	5.440	ug/l	98
4) Vinyl Chloride	2.338	62	10056	5.397	ug/l #	85
5) Bromomethane	2.750	94	8592	6.602	ug/l	95
6) Chloroethane	2.909	64	7118	5.256	ug/l	100
7) Trichlorofluoromethane	3.261	101	18211	5.353	ug/l	98
8) Diethyl Ether	3.703	74	5971	5.248	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.073	101	12396	5.495	ug/l	90
10) Methyl Iodide	4.297	142	7442	4.644	ug/l	97
11) Tert butyl alcohol	5.179	59	41743	72.927	ug/l #	100
12) 1,1-Dichloroethene	4.056	96	11079	5.730	ug/l	100
13) Acrolein	3.920	56	624	11.691	ug/l	96
14) Allyl chloride	4.708	41	17359	5.206	ug/l	93
15) Acrylonitrile	5.408	53	16196	26.140	ug/l	94
16) Acetone	4.150	43	15152	31.339	ug/l	91
17) Carbon Disulfide	4.397	76	16642	5.430	ug/l	96
18) Methyl Acetate	4.703	43	14064	7.504	ug/l	90
19) Methyl tert-butyl Ether	5.479	73	32677	5.200	ug/l	95
20) Methylene Chloride	4.956	84	24585	7.829	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	12967	5.921	ug/l	90
22) Diisopropyl ether	6.350	45	43309	5.158	ug/l	95
23) Vinyl Acetate	6.291	43	89757	21.132	ug/l	97
24) 1,1-Dichloroethane	6.250	63	25434	5.419	ug/l	96
25) 2-Butanone	7.202	43	22391	28.200	ug/l #	87
26) 2,2-Dichloropropane	7.202	77	24100	5.557	ug/l	99
27) cis-1,2-Dichloroethene	7.202	96	15964	5.406	ug/l	97
28) Bromochloromethane	7.532	49	9392	5.205	ug/l #	83
29) Tetrahydrofuran	7.555	42	12232	24.372	ug/l	96
30) Chloroform	7.702	83	25922	5.210	ug/l	96
31) Cyclohexane	7.973	56	24631	6.641	ug/l #	82
32) 1,1,1-Trichloroethane	7.897	97	23384	5.359	ug/l	94
36) 1,1-Dichloropropene	8.108	75	18043	5.512	ug/l	97
37) Ethyl Acetate	7.291	43	8623	4.997	ug/l #	90
38) Carbon Tetrachloride	8.085	117	18455	5.251	ug/l	87
39) Methylcyclohexane	9.344	83	20726	5.559	ug/l	98
40) Benzene	8.338	78	51456	5.322	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	6154m	5.868	ug/l	
42) 1,2-Dichloroethane	8.414	62	15197	5.215	ug/l	97
43) Isopropyl Acetate	8.444	43	19709	5.357	ug/l	95
44) Trichloroethene	9.102	130	13632	5.307	ug/l	93
45) 1,2-Dichloropropane	9.379	63	14410	5.237	ug/l	95
46) Dibromomethane	9.467	93	7461	5.167	ug/l	91
47) Bromodichloromethane	9.649	83	19413	4.970	ug/l	92
48) Methyl methacrylate	9.449	41	9213	5.582	ug/l	91
49) 1,4-Dioxane	9.455	88	1764	90.896	ug/l #	79
51) 4-Methyl-2-Pentanone	10.220	43	47132	25.167	ug/l	97
52) Toluene	10.396	92	33901	5.257	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	19833	5.168	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	23415	5.389	ug/l #	94
55) 1,1,2-Trichloroethane	10.791	97	10870	5.036	ug/l	95
56) Ethyl methacrylate	10.649	69	14401	5.031	ug/l	96
57) 1,3-Dichloropropane	10.938	76	18421	5.070	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	33686	29.031	ug/l	97
59) 2-Hexanone	10.973	43	32792	25.696	ug/l	91
60) Dibromochloromethane	11.126	129	13281	5.067	ug/l	99
61) 1,2-Dibromoethane	11.238	107	10583	5.307	ug/l	98
64) Tetrachloroethene	10.867	164	11459	5.781	ug/l	97
65) Chlorobenzene	11.661	112	37050	5.178	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	13440	4.982	ug/l	89
67) Ethyl Benzene	11.732	91	68760	5.231	ug/l	96
68) m/p-Xylenes	11.843	106	51918	10.383	ug/l	100
69) o-Xylene	12.167	106	26087	5.330	ug/l	93
70) Styrene	12.185	104	43459	5.185	ug/l	99
71) Bromoform	12.349	173	7008	4.980	ug/l #	98
73) Isopropylbenzene	12.467	105	67484	5.209	ug/l	100
74) N-amyl acetate	12.273	43	18497	5.259	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	13840	5.360	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	7027m	4.300	ug/l	
77) Bromobenzene	12.749	156	14150	5.331	ug/l	82
78) n-propylbenzene	12.808	91	86735	5.349	ug/l	94
79) 2-Chlorotoluene	12.896	91	47923	5.296	ug/l	95
80) 1,3,5-Trimethylbenzene	12.943	105	56450	5.239	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	3978	4.696	ug/l	96
82) 4-Chlorotoluene	12.990	91	49209	5.244	ug/l	99
83) tert-Butylbenzene	13.214	119	47427	4.974	ug/l	91
84) 1,2,4-Trimethylbenzene	13.255	105	55254	5.189	ug/l	100
85) sec-Butylbenzene	13.390	105	77263	5.238	ug/l	96
86) p-Isopropyltoluene	13.502	119	61307	5.187	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	28689	5.187	ug/l	98
88) 1,4-Dichlorobenzene	13.584	146	29204	5.297	ug/l	92
89) n-Butylbenzene	13.826	91	62067	5.203	ug/l	99
90) Hexachloroethane	14.096	117	12424	5.317	ug/l	81
91) 1,2-Dichlorobenzene	13.873	146	25502	5.212	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.484	75	2609	6.134	ug/l	78
93) 1,2,4-Trichlorobenzene	15.143	180	15315	5.248	ug/l	95
94) Hexachlorobutadiene	15.243	225	7799	5.385	ug/l	89
95) Naphthalene	15.384	128	32716	5.057	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	12868	5.070	ug/l	99

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

