

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062222\
 Data File : VD073662.D
 Acq On : 22 Jun 2022 18:45
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

Quant Time: Jun 23 09:30:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 05:24:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	208489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	330627	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	322162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	170587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	119094	49.645	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.300%		
35) Dibromofluoromethane	7.909	113	123653	51.554	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.100%		
50) Toluene-d8	10.332	98	433687	50.518	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.040%		
62) 4-Bromofluorobenzene	12.620	95	164402	52.220	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	104.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	79749	44.081	ug/l	97
3) Chloromethane	2.209	50	76087	41.762	ug/l	100
4) Vinyl Chloride	2.344	62	76471	44.518	ug/l	100
5) Bromomethane	2.762	94	57683	47.986	ug/l	97
6) Chloroethane	2.915	64	52891	47.580	ug/l	98
7) Trichlorofluoromethane	3.268	101	182607	45.889	ug/l	97
8) Diethyl Ether	3.709	74	49330	47.519	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	104097	45.285	ug/l	97
10) Methyl Iodide	4.297	142	105249	47.266	ug/l	97
11) Tert butyl alcohol	5.203	59	58209	369.298	ug/l #	88
12) 1,1-Dichloroethene	4.068	96	91527	45.551	ug/l	94
13) Acrolein	3.921	56	18816	216.460	ug/l	97
14) Allyl chloride	4.709	41	135700	46.935	ug/l	96
15) Acrylonitrile	5.420	53	122552	260.219	ug/l	99
16) Acetone	4.156	43	89384	234.375	ug/l	94
17) Carbon Disulfide	4.409	76	238308	41.141	ug/l	98
18) Methyl Acetate	4.709	43	50556	48.262	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	250492	52.689	ug/l	100
20) Methylene Chloride	4.956	84	134587	54.207	ug/l	94
21) trans-1,2-Dichloroethene	5.467	96	113666	47.578	ug/l	94
22) Diisopropyl ether	6.362	45	327483	50.483	ug/l	96
23) Vinyl Acetate	6.303	43	897046	264.445	ug/l	100
24) 1,1-Dichloroethane	6.262	63	212264	48.868	ug/l	99
25) 2-Butanone	7.203	43	137552	247.767	ug/l	95
26) 2,2-Dichloropropane	7.203	77	189261	47.425	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	134516	48.809	ug/l	98
28) Bromochloromethane	7.538	49	84663	52.038	ug/l	96
29) Tetrahydrofuran	7.561	42	88768	257.816	ug/l	98
30) Chloroform	7.703	83	237431	48.284	ug/l	99
31) Cyclohexane	7.979	56	154429	42.311	ug/l	96
32) 1,1,1-Trichloroethane	7.897	97	212002	48.450	ug/l	99
36) 1,1-Dichloropropene	8.109	75	158372	47.140	ug/l	99
37) Ethyl Acetate	7.285	43	66277	51.273	ug/l	98
38) Carbon Tetrachloride	8.091	117	186348	48.837	ug/l	97
39) Methylcyclohexane	9.350	83	171169	45.981	ug/l	98
40) Benzene	8.344	78	468596	48.219	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	40533	56.647	ug/l #	88
42) 1,2-Dichloroethane	8.414	62	146752	50.553	ug/l	99
43) Isopropyl Acetate	8.444	43	128996	53.009	ug/l	99
44) Trichloroethene	9.108	130	130632	47.195	ug/l	97
45) 1,2-Dichloropropane	9.379	63	117945	48.295	ug/l	98
46) Dibromomethane	9.467	93	68747	49.572	ug/l	100
47) Bromodichloromethane	9.655	83	182296	50.512	ug/l #	96
48) Methyl methacrylate	9.450	41	59916	48.642	ug/l	90
49) 1,4-Dioxane	9.456	88	15917	1035.733	ug/l	89
51) 4-Methyl-2-Pentanone	10.220	43	336642	269.451	ug/l	99
52) Toluene	10.397	92	312246	49.158	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	166289	50.315	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	187803	48.602	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	98281	50.186	ug/l	98
56) Ethyl methacrylate	10.655	69	113963	52.734	ug/l	99
57) 1,3-Dichloropropane	10.938	76	158632	49.183	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	235976	271.522	ug/l	97
59) 2-Hexanone	10.973	43	233116	270.571	ug/l	99
60) Dibromochloromethane	11.132	129	129164	50.594	ug/l	97
61) 1,2-Dibromoethane	11.238	107	92731	49.428	ug/l	97
64) Tetrachloroethene	10.867	164	107777	45.193	ug/l	97
65) Chlorobenzene	11.661	112	346644	48.186	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	139310	49.970	ug/l	99
67) Ethyl Benzene	11.738	91	601865	49.210	ug/l	97
68) m/p-Xylenes	11.844	106	475234	98.670	ug/l	99
69) o-Xylene	12.173	106	220244	49.061	ug/l	100
70) Styrene	12.185	104	393470	51.111	ug/l	100
71) Bromoform	12.349	173	75763	49.909	ug/l #	99
73) Isopropylbenzene	12.467	105	598252	48.604	ug/l	98
74) N-amyl acetate	12.279	43	122132	49.094	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	112123	48.441	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	82553m	50.001	ug/l	
77) Bromobenzene	12.749	156	140840	47.020	ug/l	98
78) n-propylbenzene	12.808	91	733009	48.621	ug/l	98
79) 2-Chlorotoluene	12.897	91	428714	48.481	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	518065	49.283	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	35757	49.981	ug/l	100
82) 4-Chlorotoluene	12.991	91	454125	48.115	ug/l	100
83) tert-Butylbenzene	13.208	119	452134	49.687	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	512729	49.446	ug/l	99
85) sec-Butylbenzene	13.391	105	656091	48.488	ug/l	99
86) p-Isopropyltoluene	13.502	119	551494	49.343	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	289848	46.904	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	291500	47.595	ug/l	99
89) n-Butylbenzene	13.826	91	513850	48.897	ug/l	99
90) Hexachloroethane	14.096	117	109269	45.775	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	258854	48.554	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	18724	51.799	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	153684	49.485	ug/l	98
94) Hexachlorobutadiene	15.249	225	84580	48.056	ug/l	99
95) Naphthalene	15.379	128	279003	46.565	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	135958	50.324	ug/l	99

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

