

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020322\
 Data File : VD071893.D
 Acq On : 03 Feb 2022 16:48
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/04/2022
 Supervised By : Mahesh Dadoda 02/07/2022

Quant Time: Feb 04 00:50:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	384033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	633525	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	601558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	291405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	249774	51.458	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.920%	
35) Dibromofluoromethane	7.908	113	219693	52.756	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.520%	
50) Toluene-d8	10.332	98	822261	52.870	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.740%	
62) 4-Bromofluorobenzene	12.620	95	290532	53.494	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.980%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	184995	40.622	ug/l	96
3) Chloromethane	2.209	50	238375	43.720	ug/l	98
4) Vinyl Chloride	2.350	62	262873	46.052	ug/l	99
5) Bromomethane	2.768	94	153937	40.872	ug/l	97
6) Chloroethane	2.915	64	169568	46.875	ug/l	96
7) Trichlorofluoromethane	3.273	101	360726	44.096	ug/l	99
8) Diethyl Ether	3.703	74	100108	46.378	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	207400	44.939	ug/l	99
10) Methyl Iodide	4.297	142	196601	41.553	ug/l	98
11) Tert butyl alcohol	5.220	59	61705	206.091	ug/l	96
12) 1,1-Dichloroethene	4.062	96	190023	45.039	ug/l	99
13) Acrolein	3.920	56	58860	136.525	ug/l	96
14) Allyl chloride	4.709	41	374489	46.565	ug/l	98
15) Acrylonitrile	5.414	53	265565	242.074	ug/l	98
16) Acetone	4.156	43	359312	270.417	ug/l	98
17) Carbon Disulfide	4.403	76	630746	42.874	ug/l	99
18) Methyl Acetate	4.709	43	124856	43.461	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	494194	48.962	ug/l	99
20) Methylene Chloride	4.956	84	218371	44.623	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	223806	45.566	ug/l	96
22) Diisopropyl ether	6.356	45	778675	49.400	ug/l	99
23) Vinyl Acetate	6.297	43	2267093	260.721	ug/l	99
24) 1,1-Dichloroethane	6.256	63	435744	47.429	ug/l	98
25) 2-Butanone	7.203	43	401249	259.037	ug/l	99
26) 2,2-Dichloropropane	7.203	77	359250	47.252	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	249623	47.318	ug/l	98
28) Bromochloromethane	7.544	49	163257	47.112	ug/l	99
29) Tetrahydrofuran	7.556	42	229534	250.439	ug/l	100
30) Chloroform	7.703	83	440921	46.976	ug/l	97
31) Cyclohexane	7.979	56	400352	43.203	ug/l	98
32) 1,1,1-Trichloroethane	7.897	97	383986	46.381	ug/l	99
36) 1,1-Dichloropropene	8.103	75	339621	47.516	ug/l	99
37) Ethyl Acetate	7.285	43	165020	49.659	ug/l	99
38) Carbon Tetrachloride	8.091	117	331037	46.834	ug/l	99
39) Methylcyclohexane	9.350	83	385067	46.496	ug/l	96
40) Benzene	8.344	78	925806	47.985	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	85904	45.694	ug/l	88
42) 1,2-Dichloroethane	8.420	62	295072	48.433	ug/l	100
43) Isopropyl Acetate	8.444	43	302443	50.639	ug/l	99
44) Trichloroethene	9.103	130	231608	46.493	ug/l	96
45) 1,2-Dichloropropane	9.379	63	245188	49.286	ug/l	96
46) Dibromomethane	9.467	93	129063	49.547	ug/l	99
47) Bromodichloromethane	9.655	83	338369	49.117	ug/l	97
48) Methyl methacrylate	9.450	41	157970	49.977	ug/l	95
49) 1,4-Dioxane	9.455	88	30125	1013.233	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	828057	264.937	ug/l	100
52) Toluene	10.397	92	589287	49.118	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	311424	49.220	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	357029	48.139	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	171117	49.497	ug/l	97
56) Ethyl methacrylate	10.655	69	221949	51.854	ug/l	97
57) 1,3-Dichloropropane	10.938	76	306608	49.679	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	538080	267.044	ug/l	99
59) 2-Hexanone	10.979	43	619091	272.908	ug/l	99
60) Dibromochloromethane	11.132	129	211807	49.615	ug/l	100
61) 1,2-Dibromoethane	11.238	107	165866	49.797	ug/l	99
64) Tetrachloroethene	10.867	164	193183	45.400	ug/l	93
65) Chlorobenzene	11.661	112	595286	46.776	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	224024	48.387	ug/l	97
67) Ethyl Benzene	11.738	91	1133523	48.405	ug/l	98
68) m/p-Xylenes	11.844	106	868491	97.506	ug/l	99
69) o-Xylene	12.173	106	397298	49.083	ug/l	100
70) Styrene	12.185	104	698764	50.084	ug/l	99
71) Bromoform	12.349	173	119607	48.385	ug/l #	99
73) Isopropylbenzene	12.467	105	1070549	47.443	ug/l	100
74) N-amyl acetate	12.279	43	289891	52.240	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	196873	47.147	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	154367m	50.265	ug/l	
77) Bromobenzene	12.749	156	236303	47.077	ug/l	98
78) n-propylbenzene	12.808	91	1354649	47.877	ug/l	100
79) 2-Chlorotoluene	12.896	91	763245	47.602	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	901993	48.193	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	59028	47.260	ug/l	97
82) 4-Chlorotoluene	12.996	91	788204	47.250	ug/l	99
83) tert-Butylbenzene	13.214	119	756796	48.790	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	895475	48.638	ug/l	100
85) sec-Butylbenzene	13.391	105	1167229	48.092	ug/l	99
86) p-Isopropyltoluene	13.502	119	968012	49.082	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	483488	47.435	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	472189	46.419	ug/l	100
89) n-Butylbenzene	13.832	91	939979	48.578	ug/l	100
90) Hexachloroethane	14.096	117	186904	47.676	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	411315	47.156	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	32716	47.308	ug/l	100
93) 1,2,4-Trichlorobenzene	15.143	180	243119	47.713	ug/l	99
94) Hexachlorobutadiene	15.249	225	131039	47.164	ug/l	98
95) Naphthalene	15.385	128	467116	46.257	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	217694	49.844	ug/l	99

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

