

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022322\
 Data File : VD072067.D
 Acq On : 23 Feb 2022 09:08
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 24 06:44:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt

02/24/2022
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	490064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	778834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	741520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	360681	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.326	65	256923	50.541	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.080%	
35) Dibromofluoromethane	7.909	113	232011	49.168	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.340%	
50) Toluene-d8	10.332	98	914504	52.260	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.520%	
62) 4-Bromofluorobenzene	12.626	95	324913	50.548	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.100%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.991	85	204679	44.298	ug/l	98
3) Chloromethane	2.209	50	220690	52.745	ug/l	98
4) Vinyl Chloride	2.350	62	198858	47.673	ug/l	96
5) Bromomethane	2.762	94	122783	46.900	ug/l	96
6) Chloroethane	2.921	64	125585	47.633	ug/l	97
7) Trichlorofluoromethane	3.273	101	391683	48.535	ug/l	93
8) Diethyl Ether	3.709	74	121794	52.941	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	239220	47.445	ug/l	98
10) Methyl Iodide	4.297	142	170329	31.756	ug/l	99
11) Tert butyl alcohol	5.226	59	87708	302.396	ug/l #	89
12) 1,1-Dichloroethene	4.068	96	215996	48.231	ug/l	99
13) Acrolein	3.921	56	127151	222.315	ug/l	95
14) Allyl chloride	4.715	41	375349	47.824	ug/l	97
15) Acrylonitrile	5.420	53	332968	267.791	ug/l	100
16) Acetone	4.150	43	311460	283.502	ug/l	95
17) Carbon Disulfide	4.409	76	597383	47.949	ug/l	97
18) Methyl Acetate	4.715	43	141381	50.657	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	603825	55.424	ug/l	98
20) Methylene Chloride	4.962	84	259885	47.531	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	250933	49.867	ug/l	97
22) Diisopropyl ether	6.362	45	832865	50.818	ug/l	97
23) Vinyl Acetate	6.303	43	2506744	286.416	ug/l	98
24) 1,1-Dichloroethane	6.262	63	474497	48.666	ug/l	98
25) 2-Butanone	7.209	43	429659	282.965	ug/l	97
26) 2,2-Dichloropropane	7.209	77	395634	50.709	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	292477	50.730	ug/l	99
28) Bromochloromethane	7.544	49	196866	47.364	ug/l	100
29) Tetrahydrofuran	7.561	42	275081	283.863	ug/l	99
30) Chloroform	7.703	83	493707	49.319	ug/l	97
31) Cyclohexane	7.979	56	419830	46.758	ug/l	94
32) 1,1,1-Trichloroethane	7.903	97	434746	50.465	ug/l	98
36) 1,1-Dichloropropene	8.109	75	364955	51.059	ug/l	99
37) Ethyl Acetate	7.291	43	187031	56.427	ug/l	98
38) Carbon Tetrachloride	8.097	117	376709	51.420	ug/l	97
39) Methylcyclohexane	9.350	83	427761	51.132	ug/l	98
40) Benzene	8.350	78	1027022	50.920	ug/l	98

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41) Methacrylonitrile	7.520	41	95100	46.268	ug/l	90
42) 1,2-Dichloroethane	8.420	62	320504	52.974	ug/l	100
43) Isopropyl Acetate	8.450	43	345438	55.966	ug/l	99
44) Trichloroethene	9.108	130	283931	51.650	ug/l	96
45) 1,2-Dichloropropane	9.379	63	272818	50.709	ug/l	96
46) Dibromomethane	9.473	93	151775	53.456	ug/l	97
47) Bromodichloromethane	9.655	83	385587	52.647	ug/l	98
48) Methyl methacrylate	9.450	41	164775	52.847	ug/l #	85
49) 1,4-Dioxane	9.456	88	40515	1202.881	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	945461	289.031	ug/l	99
52) Toluene	10.397	92	675829	52.360	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	377873	56.413	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	429662	54.197	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	211948	53.046	ug/l	98
56) Ethyl methacrylate	10.655	69	277618	58.183	ug/l	98
57) 1,3-Dichloropropane	10.938	76	375018	54.305	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	617350	289.209	ug/l	99
59) 2-Hexanone	10.979	43	663352	297.307	ug/l	99
60) Dibromochloromethane	11.132	129	267258	53.563	ug/l	97
61) 1,2-Dibromoethane	11.238	107	206704	54.136	ug/l	97
64) Tetrachloroethene	10.873	164	247386	52.844	ug/l	94
65) Chlorobenzene	11.661	112	714999	49.752	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	271677	50.934	ug/l	99
67) Ethyl Benzene	11.738	91	1305083	51.645	ug/l	99
68) m/p-Xylenes	11.844	106	1004829	103.872	ug/l	99
69) o-Xylene	12.173	106	474525	52.145	ug/l	98
70) Styrene	12.185	104	833702	53.385	ug/l	100
71) Bromoform	12.355	173	163206	53.351	ug/l #	98
73) Isopropylbenzene	12.473	105	1269954	51.281	ug/l	99
74) N-amyl acetate	12.279	43	333953	55.846	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	256963	52.482	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	168595m	49.348	ug/l	
77) Bromobenzene	12.749	156	293612	50.629	ug/l	97
78) n-propylbenzene	12.814	91	1571012	51.612	ug/l	100
79) 2-Chlorotoluene	12.897	91	894340	50.764	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1084338	52.437	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	83605	61.281	ug/l	96
82) 4-Chlorotoluene	12.996	91	936630	51.082	ug/l	98
83) tert-Butylbenzene	13.214	119	926627	52.155	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	1062975	52.291	ug/l	100
85) sec-Butylbenzene	13.391	105	1407394	52.001	ug/l	100
86) p-Isopropyltoluene	13.502	119	1155439	51.905	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	590563	50.376	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	590460	50.127	ug/l	98
89) n-Butylbenzene	13.832	91	1108666	52.376	ug/l	100
90) Hexachloroethane	14.096	117	215870	48.312	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	525256	51.093	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	42015	55.083	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	332463	52.649	ug/l	98
94) Hexachlorobutadiene	15.249	225	177569	51.138	ug/l	99
95) Naphthalene	15.385	128	681610	59.460	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	299828	55.047	ug/l	98

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

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