

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011222\
 Data File : VD071699.D
 Acq On : 12 Jan 2022 21:14
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 13 05:31:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

01/13/2022
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	277930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	486134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	456589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	228053	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	208430	58.283	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.560%	
35) Dibromofluoromethane	7.914	113	174656	54.364	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.720%	
50) Toluene-d8	10.332	98	653166	54.311	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.620%	
62) 4-Bromofluorobenzene	12.620	95	232047	54.757	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	100895	47.880	ug/l	97
3) Chloromethane	2.209	50	155102	56.299	ug/l	98
4) Vinyl Chloride	2.350	62	174878	50.607	ug/l	92
5) Bromomethane	2.767	94	116746	50.581	ug/l	97
6) Chloroethane	2.920	64	132792	53.923	ug/l	95
7) Trichlorofluoromethane	3.273	101	232337	47.428	ug/l	99
8) Diethyl Ether	3.708	74	74802	58.057	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	138197	48.266	ug/l	99
10) Methyl Iodide	4.297	142	129159	47.179	ug/l	99
11) Tert butyl alcohol	5.220	59	69033	421.783	ug/l	98
12) 1,1-Dichloroethene	4.067	96	120046	48.315	ug/l	93
13) Acrolein	3.920	56	69671	199.604	ug/l	100
14) Allyl chloride	4.720	41	255924	51.947	ug/l	99
15) Acrylonitrile	5.414	53	208509	306.229	ug/l	99
16) Acetone	4.155	43	247266	299.481	ug/l	98
17) Carbon Disulfide	4.408	76	292883	46.991	ug/l	99
18) Methyl Acetate	4.720	43	147879	62.476	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	387761	59.122	ug/l	98
20) Methylene Chloride	4.961	84	165035	54.285	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	144263	50.843	ug/l	96
22) Diisopropyl ether	6.361	45	603700	56.907	ug/l	97
23) Vinyl Acetate	6.308	43	1535895	310.240	ug/l	99
24) 1,1-Dichloroethane	6.261	63	316435	52.257	ug/l	99
25) 2-Butanone	7.208	43	303754	311.381	ug/l	100
26) 2,2-Dichloropropane	7.202	77	247811	48.736	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	179651	53.643	ug/l	99
28) Bromochloromethane	7.544	49	163440	55.407	ug/l	97
29) Tetrahydrofuran	7.561	42	182720	325.597	ug/l	99
30) Chloroform	7.708	83	330304	53.343	ug/l	98
31) Cyclohexane	7.985	56	235602	47.608	ug/l #	96
32) 1,1,1-Trichloroethane	7.902	97	274057	50.216	ug/l	99
36) 1,1-Dichloropropene	8.114	75	223728	48.818	ug/l	100
37) Ethyl Acetate	7.291	43	123781	58.195	ug/l #	95
38) Carbon Tetrachloride	8.091	117	232723	50.144	ug/l	99
39) Methylcyclohexane	9.349	83	231283	46.723	ug/l	95
40) Benzene	8.349	78	636910	50.440	ug/l	98

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41) Methacrylonitrile	7.514	41	83860m	63.633	ug/l	
42) 1,2-Dichloroethane	8.420	62	232860	54.480	ug/l	98
43) Isopropyl Acetate	8.449	43	242792	60.640	ug/l	99
44) Trichloroethene	9.108	130	158896	48.898	ug/l	96
45) 1,2-Dichloropropane	9.385	63	179947	52.718	ug/l	93
46) Dibromomethane	9.473	93	97335	55.712	ug/l	98
47) Bromodichloromethane	9.655	83	261196	54.453	ug/l	99
48) Methyl methacrylate	9.449	41	110361	54.545	ug/l	97
49) 1,4-Dioxane	9.455	88	24026	1371.659	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	665871	314.850	ug/l	100
52) Toluene	10.396	92	410572	51.656	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	235790	56.037	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	270668	54.556	ug/l	100
55) 1,1,2-Trichloroethane	10.796	97	130474	56.966	ug/l	97
56) Ethyl methacrylate	10.655	69	171744	61.174	ug/l	98
57) 1,3-Dichloropropane	10.937	76	237951	56.220	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	475933	307.086	ug/l	99
59) 2-Hexanone	10.979	43	476808	322.792	ug/l	99
60) Dibromochloromethane	11.132	129	162119	55.608	ug/l	99
61) 1,2-Dibromoethane	11.237	107	122022	55.685	ug/l	99
64) Tetrachloroethene	10.873	164	131601	49.067	ug/l	96
65) Chlorobenzene	11.661	112	442394	50.633	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	176154	53.172	ug/l	94
67) Ethyl Benzene	11.737	91	806879	50.303	ug/l	99
68) m/p-Xylenes	11.843	106	620300	103.977	ug/l	98
69) o-Xylene	12.173	106	291711	51.662	ug/l	99
70) Styrene	12.184	104	513531	53.059	ug/l	98
71) Bromoform	12.349	173	96825	59.855	ug/l #	98
73) Isopropylbenzene	12.473	105	784701	47.881	ug/l	98
74) N-amyl acetate	12.279	43	230549	57.349	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	156683	53.952	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	130441m	59.194	ug/l	
77) Bromobenzene	12.755	156	176780	49.937	ug/l	98
78) n-propylbenzene	12.808	91	988385	47.954	ug/l	99
79) 2-Chlorotoluene	12.896	91	563534	48.510	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	663215	48.434	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	43601	55.161	ug/l	97
82) 4-Chlorotoluene	12.996	91	591344	49.066	ug/l	99
83) tert-Butylbenzene	13.214	119	570480	48.756	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	672734	49.679	ug/l	99
85) sec-Butylbenzene	13.390	105	856609	47.798	ug/l	99
86) p-Isopropyltoluene	13.502	119	711617	48.363	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	359997	49.276	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	360699	48.395	ug/l	99
89) n-Butylbenzene	13.831	91	702011	47.641	ug/l	100
90) Hexachloroethane	14.096	117	136925	47.035	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	319063	50.959	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	25427	54.475	ug/l	90
93) 1,2,4-Trichlorobenzene	15.143	180	194017	53.769	ug/l	97
94) Hexachlorobutadiene	15.249	225	97511	46.096	ug/l	97
95) Naphthalene	15.384	128	387750	60.693	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	164221	53.411	ug/l	99

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

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