

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020822\
 Data File : VD071926.D
 Acq On : 08 Feb 2022 19:09
 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 02/09/2022
 Supervised By : Mahesh Dadoda 02/09/2022

Quant Time: Feb 09 04:02:24 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	395168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	671352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	644058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	330675	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	285357	57.132	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.260%	
35) Dibromofluoromethane	7.914	113	240689	54.541	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.080%	
50) Toluene-d8	10.332	98	855602	51.914	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.820%	
62) 4-Bromofluorobenzene	12.620	95	321438	55.850	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	204589	43.659	ug/l	95
3) Chloromethane	2.209	50	250985	44.736	ug/l	100
4) Vinyl Chloride	2.350	62	270939	46.127	ug/l	100
5) Bromomethane	2.762	94	161740	41.734	ug/l	100
6) Chloroethane	2.921	64	180959	48.614	ug/l	98
7) Trichlorofluoromethane	3.273	101	392420	46.618	ug/l	99
8) Diethyl Ether	3.709	74	112640	50.714	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	219693	46.261	ug/l	99
10) Methyl Iodide	4.303	142	192028	39.443	ug/l	97
11) Tert butyl alcohol	5.220	59	76599	258.915	ug/l	97
12) 1,1-Dichloroethene	4.068	96	197621	45.520	ug/l	97
13) Acrolein	3.921	56	112477	253.537	ug/l	98
14) Allyl chloride	4.715	41	392286	47.404	ug/l	96
15) Acrylonitrile	5.415	53	307813	272.679	ug/l	98
16) Acetone	4.156	43	341381	249.683	ug/l	97
17) Carbon Disulfide	4.409	76	656174	43.346	ug/l	98
18) Methyl Acetate	4.720	43	142640	48.252	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	573478	55.216	ug/l	99
20) Methylene Chloride	4.962	84	237997	47.503	ug/l	95
21) trans-1,2-Dichloroethene	5.468	96	236888	46.870	ug/l	98
22) Diisopropyl ether	6.362	45	856323	52.796	ug/l	98
23) Vinyl Acetate	6.303	43	2633895	294.368	ug/l	99
24) 1,1-Dichloroethane	6.262	63	458755	48.526	ug/l	100
25) 2-Butanone	7.209	43	444306	278.751	ug/l	96
26) 2,2-Dichloropropane	7.209	77	370515	47.361	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	266913	49.170	ug/l	98
28) Bromochloromethane	7.544	49	170539	47.827	ug/l	100
29) Tetrahydrofuran	7.556	42	277153	293.874	ug/l	99
30) Chloroform	7.703	83	472560	48.928	ug/l	98
31) Cyclohexane	7.979	56	425652	44.639	ug/l	97
32) 1,1,1-Trichloroethane	7.897	97	412385	48.408	ug/l	97
36) 1,1-Dichloropropene	8.109	75	359634	47.481	ug/l	100
37) Ethyl Acetate	7.291	43	196589	55.826	ug/l	99
38) Carbon Tetrachloride	8.091	117	364329	48.640	ug/l	99
39) Methylcyclohexane	9.350	83	413261	47.089	ug/l	95
40) Benzene	8.350	78	974746	47.675	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	109883	55.156	ug/l	93
42) 1,2-Dichloroethane	8.420	62	346135	53.614	ug/l	98
43) Isopropyl Acetate	8.450	43	362209	57.228	ug/l	99
44) Trichloroethene	9.108	130	246299	46.656	ug/l	100
45) 1,2-Dichloropropane	9.385	63	259312	49.188	ug/l	98
46) Dibromomethane	9.467	93	144412	52.316	ug/l	100
47) Bromodichloromethane	9.656	83	367845	50.387	ug/l	99
48) Methyl methacrylate	9.450	41	188470	56.266	ug/l	97
49) 1,4-Dioxane	9.456	88	36579	1160.987	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	976355	294.784	ug/l	99
52) Toluene	10.397	92	633095	49.796	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	351647	52.445	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	396008	50.386	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	193505	52.820	ug/l	96
56) Ethyl methacrylate	10.655	69	265313	58.492	ug/l	99
57) 1,3-Dichloropropane	10.938	76	346004	52.903	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	578040	270.712	ug/l	100
59) 2-Hexanone	10.979	43	696072	289.554	ug/l	97
60) Dibromochloromethane	11.132	129	241102	53.295	ug/l	99
61) 1,2-Dibromoethane	11.238	107	189831	53.781	ug/l	100
64) Tetrachloroethene	10.867	164	206799	45.393	ug/l	93
65) Chlorobenzene	11.661	112	648292	47.579	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	249574	50.349	ug/l	98
67) Ethyl Benzene	11.738	91	1224719	48.849	ug/l	99
68) m/p-Xylenes	11.844	106	928616	97.377	ug/l	97
69) o-Xylene	12.173	106	430661	49.694	ug/l	98
70) Styrene	12.185	104	773949	51.812	ug/l	99
71) Bromoform	12.350	173	142294	53.764	ug/l #	99
73) Isopropylbenzene	12.467	105	1166219	45.545	ug/l	99
74) N-amyl acetate	12.279	43	344766	54.750	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	225314	47.550	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	181755m	52.155	ug/l	
77) Bromobenzene	12.755	156	257488	45.206	ug/l	98
78) n-propylbenzene	12.808	91	1466203	45.666	ug/l	100
79) 2-Chlorotoluene	12.897	91	830860	45.665	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	981801	46.228	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	67343	47.514	ug/l	99
82) 4-Chlorotoluene	12.997	91	862908	45.585	ug/l	99
83) tert-Butylbenzene	13.214	119	824102	46.820	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	987532	47.268	ug/l	99
85) sec-Butylbenzene	13.391	105	1250455	45.403	ug/l	99
86) p-Isopropyltoluene	13.502	119	1045183	46.701	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	530954	45.906	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	517019	44.790	ug/l	99
89) n-Butylbenzene	13.832	91	1003054	45.682	ug/l	99
90) Hexachloroethane	14.096	117	200140	44.990	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	461928	46.669	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	40078	51.071	ug/l	98
93) 1,2,4-Trichlorobenzene	15.149	180	273408	47.285	ug/l	100
94) Hexachlorobutadiene	15.249	225	139426	44.223	ug/l	99
95) Naphthalene	15.385	128	575618	50.107	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	241808	48.790	ug/l	99

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

