

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042420\
 Data File : VD065674.D
 Acq On : 24 Apr 2020 13:30
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Apr 24 14:24:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 13:58:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	175424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	236049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	219686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	119061	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	81754	44.90	ug/l	0.00
Spiked Amount			Recovery	=	89.80%	
35) Dibromofluoromethane	7.92	113	75987	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	
50) Toluene-d8	10.34	98	280851	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.64	95	91972	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	92294	58.645	ug/l	100
3) Chloromethane	2.21	50	101371	51.445	ug/l	100
4) Vinyl Chloride	2.35	62	116766	53.641	ug/l	100
5) Bromomethane	2.77	94	65145	48.832	ug/l	100
6) Chloroethane	2.93	64	69620	52.711	ug/l	100
7) Trichlorofluoromethane	3.27	101	156649	51.291	ug/l	100
8) Diethyl Ether	3.71	74	45042	50.721	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.08	101	91575	50.457	ug/l	100
10) Methyl Iodide	4.28	142	78136	65.019	ug/l	100
11) Tert butyl alcohol	5.26	59	18909	239.098	ug/l	100
12) 1,1-Dichloroethene	4.06	96	89604	49.576	ug/l	100
13) Acrolein	3.92	56	33858	262.175	ug/l	100
14) Allyl chloride	4.71	41	122657	51.757	ug/l	100
15) Acrylonitrile	5.43	53	80457	246.834	ug/l	100
16) Acetone	4.17	43	85123	201.907	ug/l	100
17) Carbon Disulfide	4.40	76	248014	52.129	ug/l	100
18) Methyl Acetate	4.73	43	43385	47.704	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	160260	55.216	ug/l	100
20) Methylene Chloride	4.96	84	80970	44.106	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	85592	50.880	ug/l	100
22) Diisopropyl ether	6.37	45	251701	52.513	ug/l	100
23) Vinyl Acetate	6.31	43	709517	278.366	ug/l	100
24) 1,1-Dichloroethane	6.26	63	149954	46.944	ug/l	100
25) 2-Butanone	7.23	43	106588	239.745	ug/l	100
26) 2,2-Dichloropropane	7.21	77	137894	46.363	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	87879	49.004	ug/l	100
28) Bromochloromethane	7.55	49	58327	44.486	ug/l	100
29) Tetrahydrofuran	7.57	42	68738	260.195	ug/l	100
30) Chloroform	7.71	83	155436	45.574	ug/l	100
31) Cyclohexane	7.98	56	137128	45.489	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	145092	46.778	ug/l	100
36) 1,1-Dichloropropene	8.11	75	124470	49.984	ug/l	100
37) Ethyl Acetate	7.30	43	49009	50.673	ug/l	100
38) Carbon Tetrachloride	8.10	117	137375	48.013	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	139128	54.335	ug/l	100
40) Benzene	8.36	78	331922	48.542	ug/l	100
41) Methacrylonitrile	7.53	41	25798	51.222	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	106215	49.514	ug/l	100
43) Isopropyl Acetate	8.46	43	91075	51.663	ug/l	100
44) Trichloroethene	9.11	130	91254	47.200	ug/l	100
45) 1,2-Dichloropropane	9.39	63	84258	48.363	ug/l	100
46) Dibromomethane	9.48	93	44308	49.063	ug/l	100
47) Bromodichloromethane	9.67	83	120270	48.472	ug/l	100
48) Methyl methacrylate	9.46	41	45129	52.705	ug/l	100
49) 1,4-Dioxane	9.47	88	10113	1075.213	ug/l	100
51) 4-Methyl-2-Pentanone	10.24	43	242458	268.245	ug/l	100
52) Toluene	10.41	92	212676	51.226	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	108543	51.855	ug/l	100
54) cis-1,3-Dichloropropene	10.10	75	129361	51.020	ug/l	100
55) 1,1,2-Trichloroethane	10.81	97	58951	46.580	ug/l	100
56) Ethyl methacrylate	10.67	69	67982	57.584	ug/l	100
57) 1,3-Dichloropropane	10.95	76	102393	48.790	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	172551	272.898	ug/l	100
59) 2-Hexanone	10.99	43	165754	270.392	ug/l	100
60) Dibromochloromethane	11.14	129	79349	46.958	ug/l	100
61) 1,2-Dibromoethane	11.25	107	56286	48.371	ug/l	100
64) Tetrachloroethene	10.88	164	79782	47.233	ug/l	100
65) Chlorobenzene	11.68	112	224540	47.999	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	85725	47.431	ug/l	100
67) Ethyl Benzene	11.75	91	406657	53.870	ug/l	100
68) m/p-Xylenes	11.86	106	317532	107.964	ug/l	100
69) o-Xylene	12.19	106	133514	54.171	ug/l	100
70) Styrene	12.20	104	251884	56.427	ug/l	100
71) Bromoform	12.37	173	48100	47.590	ug/l #	100
73) Isopropylbenzene	12.48	105	377552	54.357	ug/l	100
74) N-amyl acetate	12.30	43	84634	54.065	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	63548	45.472	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	47502m	45.085	ug/l	
77) Bromobenzene	12.77	156	95244	49.512	ug/l	100
78) n-propylbenzene	12.83	91	463221	53.122	ug/l	100
79) 2-Chlorotoluene	12.91	91	258465	51.108	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	328353	55.146	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	21849	51.758	ug/l	100
82) 4-Chlorotoluene	13.01	91	281097	51.126	ug/l	100
83) tert-Butylbenzene	13.23	119	263020	54.842	ug/l	100
84) 1,2,4-Trimethylbenzene	13.28	105	327747	55.544	ug/l	100
85) sec-Butylbenzene	13.41	105	382737	54.274	ug/l	100
86) p-Isopropyltoluene	13.53	119	362719	54.916	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	184628	48.538	ug/l	100
88) 1,4-Dichlorobenzene	13.61	146	182031	47.244	ug/l	100
89) n-Butylbenzene	13.85	91	332348	54.343	ug/l	100
90) Hexachloroethane	14.12	117	73221	47.029	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	157892	47.891	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	10507	48.171	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	106527	51.592	ug/l	100
94) Hexachlorobutadiene	15.28	225	77201	48.296	ug/l	100
95) Naphthalene	15.42	128	159272	55.865	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	94158	50.790	ug/l	100

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

