

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061820\
 Data File : VD065819.D
 Acq On : 18 Jun 2020 20:09
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 19 01:54:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	189229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	310048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	293154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	156237	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	100328	53.66	ug/l	0.00
Spiked Amount			Recovery	=	107.32%	
35) Dibromofluoromethane	7.91	113	97041	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	
50) Toluene-d8	10.34	98	375600	51.43	ug/l	0.00
Spiked Amount			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.64	95	129345	52.23	ug/l	0.00
Spiked Amount			Recovery	=	104.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	48995	37.511	ug/l	98
3) Chloromethane	2.21	50	108230	51.197	ug/l	94
4) Vinyl Chloride	2.35	62	131011	46.927	ug/l	98
5) Bromomethane	2.77	94	97673	50.026	ug/l	99
6) Chloroethane	2.93	64	93245	49.396	ug/l	96
7) Trichlorofluoromethane	3.27	101	135826	42.941	ug/l	97
8) Diethyl Ether	3.71	74	40252	48.402	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	81093	42.995	ug/l	96
10) Methyl Iodide	4.31	142	79889	43.497	ug/l	99
11) Tert butyl alcohol	5.22	59	26855	257.264	ug/l #	95
12) 1,1-Dichloroethene	4.07	96	75229	43.762	ug/l	91
13) Acrolein	3.92	56	22239	211.749	ug/l	98
14) Allyl chloride	4.71	41	134611	47.378	ug/l	97
15) Acrylonitrile	5.43	53	99448	263.293	ug/l	99
16) Acetone	4.16	43	81562	231.243	ug/l	100
17) Carbon Disulfide	4.41	76	247275	42.857	ug/l	98
18) Methyl Acetate	4.72	43	42823	54.127	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	195562	50.224	ug/l	97
20) Methylene Chloride	4.97	84	102741	55.323	ug/l	95
21) trans-1,2-Dichloroethene	5.48	96	93591	46.488	ug/l	99
22) Diisopropyl ether	6.36	45	309943	53.989	ug/l	99
23) Vinyl Acetate	6.31	43	890338	274.646	ug/l	99
24) 1,1-Dichloroethane	6.27	63	170620	48.778	ug/l	99
25) 2-Butanone	7.21	43	122490	251.460	ug/l	96
26) 2,2-Dichloropropane	7.21	77	142675	46.002	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	108003	49.872	ug/l	98
28) Bromochloromethane	7.55	49	70109	51.896	ug/l	99
29) Tetrahydrofuran	7.56	42	82878	269.201	ug/l	98
30) Chloroform	7.71	83	184748	50.957	ug/l	98
31) Cyclohexane	7.98	56	145472	43.382	ug/l	98
32) 1,1,1-Trichloroethane	7.91	97	160884	48.259	ug/l	97
36) 1,1-Dichloropropene	8.11	75	137142	46.175	ug/l	98
37) Ethyl Acetate	7.30	43	60324	51.565	ug/l	99
38) Carbon Tetrachloride	8.10	117	144154	46.119	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.36	83	157851	44.889	ug/l	100
40) Benzene	8.36	78	393289	48.437	ug/l	100
41) Methacrylonitrile	7.54	41	39513m	56.724	ug/l	
42) 1,2-Dichloroethane	8.43	62	120811	49.313	ug/l	99
43) Isopropyl Acetate	8.45	43	116838	50.225	ug/l	99
44) Trichloroethene	9.11	130	102139	45.203	ug/l	97
45) 1,2-Dichloropropane	9.39	63	101318	49.662	ug/l	97
46) Dibromomethane	9.48	93	55491	50.151	ug/l	94
47) Bromodichloromethane	9.66	83	146324	49.350	ug/l	98
48) Methyl methacrylate	9.46	41	54054	48.004	ug/l	90
49) 1,4-Dioxane	9.47	88	11352	963.898	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	300938	264.002	ug/l	98
52) Toluene	10.40	92	259408	49.170	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	134463	50.080	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	159077	50.166	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	75924	51.354	ug/l	95
56) Ethyl methacrylate	10.66	69	92175	53.006	ug/l	99
57) 1,3-Dichloropropane	10.95	76	130958	51.128	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	225917	279.439	ug/l	98
59) 2-Hexanone	10.98	43	204439	266.018	ug/l	100
60) Dibromochloromethane	11.14	129	101179	50.660	ug/l	98
61) 1,2-Dibromoethane	11.25	107	74137	51.025	ug/l	99
64) Tetrachloroethene	10.88	164	87407	44.093	ug/l	87
65) Chlorobenzene	11.67	112	277633	48.511	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	103524	48.528	ug/l	99
67) Ethyl Benzene	11.75	91	504162	49.312	ug/l	96
68) m/p-Xylenes	11.86	106	392475	99.662	ug/l	99
69) o-Xylene	12.18	106	180891	50.945	ug/l	100
70) Styrene	12.20	104	321150	52.248	ug/l	99
71) Bromoform	12.37	173	56739	48.299	ug/l #	97
73) Isopropylbenzene	12.48	105	484101	46.214	ug/l	100
74) N-amyl acetate	12.29	43	112077	48.092	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	84470	47.748	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	48292m	39.744	ug/l	
77) Bromobenzene	12.77	156	116062	46.829	ug/l	96
78) n-propylbenzene	12.83	91	590102	46.800	ug/l	99
79) 2-Chlorotoluene	12.91	91	332143	48.017	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	414834	47.589	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	27384	48.694	ug/l	98
82) 4-Chlorotoluene	13.01	91	354078	47.690	ug/l	100
83) tert-Butylbenzene	13.23	119	360676	47.685	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	416929	47.785	ug/l	99
85) sec-Butylbenzene	13.41	105	494700	46.997	ug/l	99
86) p-Isopropyltoluene	13.52	119	462801	47.969	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	230189	47.104	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	229990	47.312	ug/l	100
89) n-Butylbenzene	13.85	91	438385	47.643	ug/l	98
90) Hexachloroethane	14.11	117	92246	47.767	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	201655	47.948	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13591	46.162	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	134548	47.052	ug/l	99
94) Hexachlorobutadiene	15.27	225	73655	42.609	ug/l	97
95) Naphthalene	15.41	128	234739	48.462	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	114985	46.688	ug/l	99

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

