

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061920\
 Data File : VD065841.D
 Acq On : 19 Jun 2020 20:56
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 20 02:51:08 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	155307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	254715	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	254192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	132174	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	89142	58.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.18%	
35) Dibromofluoromethane	7.91	113	85279	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
50) Toluene-d8	10.34	98	338370	56.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.80%	
62) 4-Bromofluorobenzene	12.64	95	116320	57.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	43178	40.594	ug/l	95
3) Chloromethane	2.21	50	102681	60.192	ug/l	96
4) Vinyl Chloride	2.35	62	121524	53.036	ug/l	96
5) Bromomethane	2.77	94	87990	54.910	ug/l	97
6) Chloroethane	2.92	64	87825	56.687	ug/l	99
7) Trichlorofluoromethane	3.27	101	120244	46.318	ug/l	95
8) Diethyl Ether	3.71	74	35134	51.476	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	72508	46.840	ug/l	97
10) Methyl Iodide	4.30	142	71809	47.637	ug/l	99
11) Tert butyl alcohol	5.22	59	22082	257.822	ug/l #	90
12) 1,1-Dichloroethene	4.06	96	65091	46.135	ug/l	97
13) Acrolein	3.93	56	19117	221.780	ug/l	96
14) Allyl chloride	4.71	41	120476	51.664	ug/l	97
15) Acrylonitrile	5.43	53	87852	283.395	ug/l	99
16) Acetone	4.16	43	72142	249.210	ug/l	100
17) Carbon Disulfide	4.41	76	214878	45.377	ug/l	100
18) Methyl Acetate	4.71	43	37797	58.505	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	173497	54.290	ug/l	98
20) Methylene Chloride	4.96	84	92476	61.144	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	83145	50.320	ug/l	96
22) Diisopropyl ether	6.36	45	272620	57.860	ug/l	94
23) Vinyl Acetate	6.31	43	796370	299.316	ug/l	98
24) 1,1-Dichloroethane	6.26	63	157165	54.745	ug/l	99
25) 2-Butanone	7.21	43	108512	271.421	ug/l	93
26) 2,2-Dichloropropane	7.21	77	126043	49.516	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	95837	53.920	ug/l	97
28) Bromochloromethane	7.55	49	66143	59.654	ug/l	99
29) Tetrahydrofuran	7.56	42	72555	287.145	ug/l	97
30) Chloroform	7.71	83	166877	56.081	ug/l	99
31) Cyclohexane	7.99	56	129854	47.182	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	143805	52.557	ug/l	97
36) 1,1-Dichloropropene	8.11	75	120922	49.558	ug/l	99
37) Ethyl Acetate	7.30	43	54420	56.623	ug/l	99
38) Carbon Tetrachloride	8.10	117	126676	49.331	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	140012	48.466	ug/l	97
40) Benzene	8.35	78	348660	52.269	ug/l	98
41) Methacrylonitrile	7.52	41	26067	45.550	ug/l #	61
42) 1,2-Dichloroethane	8.42	62	111013	55.157	ug/l	100
43) Isopropyl Acetate	8.46	43	106043	55.487	ug/l	98
44) Trichloroethene	9.11	130	91724	49.412	ug/l	100
45) 1,2-Dichloropropane	9.39	63	91039	54.317	ug/l	99
46) Dibromomethane	9.47	93	48585	53.448	ug/l	95
47) Bromodichloromethane	9.66	83	132737	54.493	ug/l	98
48) Methyl methacrylate	9.46	41	48888	52.848	ug/l	95
49) 1,4-Dioxane	9.46	88	10227	1057.016	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	272188	290.652	ug/l	98
52) Toluene	10.40	92	233903	53.966	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	121240	54.965	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	143863	55.224	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	67830	55.846	ug/l	97
56) Ethyl methacrylate	10.66	69	82763	57.933	ug/l	98
57) 1,3-Dichloropropane	10.95	76	118060	56.105	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	197402	297.211	ug/l	98
59) 2-Hexanone	10.98	43	184518	292.254	ug/l	100
60) Dibromochloromethane	11.14	129	91475	55.751	ug/l	97
61) 1,2-Dibromoethane	11.25	107	67441	56.500	ug/l	98
64) Tetrachloroethene	10.88	164	79241	46.101	ug/l	96
65) Chlorobenzene	11.67	112	251078	50.596	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	94863	51.284	ug/l	99
67) Ethyl Benzene	11.74	91	454509	51.270	ug/l	98
68) m/p-Xylenes	11.86	106	352635	103.271	ug/l	100
69) o-Xylene	12.18	106	162871	52.901	ug/l	99
70) Styrene	12.20	104	291857	54.760	ug/l	99
71) Bromoform	12.36	173	54477	53.482	ug/l #	95
73) Isopropylbenzene	12.48	105	447079	50.450	ug/l	98
74) N-amyl acetate	12.29	43	99415	50.425	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	77195	51.580	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	54121m	52.650	ug/l	
77) Bromobenzene	12.76	156	104880	50.021	ug/l	96
78) n-propylbenzene	12.83	91	538089	50.444	ug/l	99
79) 2-Chlorotoluene	12.91	91	300050	51.275	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	380135	51.547	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	24746	52.014	ug/l	100
82) 4-Chlorotoluene	13.01	91	323445	51.495	ug/l	99
83) tert-Butylbenzene	13.23	119	311734	48.718	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	383988	52.022	ug/l	100
85) sec-Butylbenzene	13.41	105	445956	50.080	ug/l	99
86) p-Isopropyltoluene	13.52	119	411414	50.406	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	210002	50.797	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	207189	50.381	ug/l	100
89) n-Butylbenzene	13.85	91	394882	50.728	ug/l	99
90) Hexachloroethane	14.11	117	82831	50.701	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	182180	51.204	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	12224	49.078	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	117918	48.744	ug/l	98
94) Hexachlorobutadiene	15.27	225	65248	44.617	ug/l	99
95) Naphthalene	15.41	128	208379	50.852	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	101227	48.585	ug/l	99

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

