

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062920\
 Data File : VD065898.D
 Acq On : 29 Jun 2020 20:32
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 30 05:21:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	145048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	241644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	224644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	105802	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	78000	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
35) Dibromofluoromethane	7.92	113	71208	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
50) Toluene-d8	10.34	98	268612	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
62) 4-Bromofluorobenzene	12.64	95	89290	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	63217	45.580	ug/l	99
3) Chloromethane	2.20	50	94170	48.855	ug/l	100
4) Vinyl Chloride	2.35	62	98688	46.155	ug/l	100
5) Bromomethane	2.77	94	66326	47.427	ug/l	97
6) Chloroethane	2.93	64	64120	47.555	ug/l	94
7) Trichlorofluoromethane	3.27	101	130555	48.438	ug/l	93
8) Diethyl Ether	3.71	74	35458	50.040	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	72205	47.539	ug/l	98
10) Methyl Iodide	4.30	142	73846	46.781	ug/l	99
11) Tert butyl alcohol	5.21	59	20438	272.087	ug/l	95
12) 1,1-Dichloroethene	4.07	96	69732	49.255	ug/l	95
13) Acrolein	3.91	56	24904	227.402	ug/l	94
14) Allyl chloride	4.71	41	113807	50.962	ug/l	99
15) Acrylonitrile	5.43	53	80040	265.723	ug/l	98
16) Acetone	4.16	43	61847	209.478	ug/l #	88
17) Carbon Disulfide	4.41	76	227697	47.605	ug/l	98
18) Methyl Acetate	4.71	43	34057	52.022	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	169827	54.705	ug/l	98
20) Methylene Chloride	4.96	84	85387	56.106	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	79546	49.068	ug/l	92
22) Diisopropyl ether	6.36	45	243292	52.236	ug/l	99
23) Vinyl Acetate	6.30	43	719271	267.199	ug/l	100
24) 1,1-Dichloroethane	6.26	63	138911	49.993	ug/l	100
25) 2-Butanone	7.21	43	97588	247.682	ug/l	97
26) 2,2-Dichloropropane	7.21	77	123936	48.604	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	90071	50.214	ug/l	99
28) Bromochloromethane	7.54	49	55487	53.140	ug/l	97
29) Tetrahydrofuran	7.56	42	68004	271.712	ug/l	95
30) Chloroform	7.71	83	154699	51.999	ug/l	99
31) Cyclohexane	7.99	56	127127	47.095	ug/l	93
32) 1,1,1-Trichloroethane	7.90	97	136536	50.014	ug/l	98
36) 1,1-Dichloropropene	8.11	75	117651	49.930	ug/l	99
37) Ethyl Acetate	7.29	43	49907	55.391	ug/l #	97
38) Carbon Tetrachloride	8.10	117	125140	49.181	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	134921	48.191	ug/l	96
40) Benzene	8.35	78	317288	48.535	ug/l	99
41) Methacrylonitrile	7.53	41	24134	48.824	ug/l #	67
42) 1,2-Dichloroethane	8.43	62	99034	51.352	ug/l	99
43) Isopropyl Acetate	8.45	43	91763	52.561	ug/l	97
44) Trichloroethene	9.11	130	85571	48.319	ug/l	97
45) 1,2-Dichloropropane	9.39	63	80196	51.212	ug/l	96
46) Dibromomethane	9.48	93	43098	49.649	ug/l	98
47) Bromodichloromethane	9.66	83	119571	51.838	ug/l	98
48) Methyl methacrylate	9.46	41	48515	56.692	ug/l	88
49) 1,4-Dioxane	9.46	88	9884	1113.112	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	236398	262.686	ug/l	99
52) Toluene	10.40	92	209875	49.380	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	110270	50.081	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	129078	49.927	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	59366	51.606	ug/l	93
56) Ethyl methacrylate	10.66	69	72866	51.012	ug/l	94
57) 1,3-Dichloropropane	10.95	76	103079	51.083	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	165078	263.662	ug/l	100
59) 2-Hexanone	10.99	43	160984	255.205	ug/l	100
60) Dibromochloromethane	11.14	129	79718	50.734	ug/l	97
61) 1,2-Dibromoethane	11.25	107	57253	50.851	ug/l	98
64) Tetrachloroethene	10.88	164	69454	47.347	ug/l	95
65) Chlorobenzene	11.67	112	212920	47.783	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	79403	47.834	ug/l	98
67) Ethyl Benzene	11.75	91	397701	48.056	ug/l	96
68) m/p-Xylenes	11.86	106	304324	96.583	ug/l	98
69) o-Xylene	12.18	106	140593	49.653	ug/l	97
70) Styrene	12.20	104	247144	49.917	ug/l	98
71) Bromoform	12.36	173	43172	48.974	ug/l #	99
73) Isopropylbenzene	12.48	105	380495	50.212	ug/l	99
74) N-amyl acetate	12.29	43	89255	53.311	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	65643	52.625	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	45008m	48.616	ug/l	
77) Bromobenzene	12.77	156	84013	49.311	ug/l	95
78) n-propylbenzene	12.82	91	461171	50.515	ug/l	99
79) 2-Chlorotoluene	12.91	91	254016	50.515	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	322859	50.966	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	22221	51.565	ug/l	97
82) 4-Chlorotoluene	13.01	91	272195	50.653	ug/l	99
83) tert-Butylbenzene	13.23	119	263137	49.359	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	321126	51.460	ug/l	98
85) sec-Butylbenzene	13.41	105	381006	50.151	ug/l	100
86) p-Isopropyltoluene	13.52	119	352707	51.113	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	168559	50.922	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	164691	49.453	ug/l	99
89) n-Butylbenzene	13.85	91	341818	50.799	ug/l	99
90) Hexachloroethane	14.11	117	71622	50.860	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	145164	50.058	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10599	54.854	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	95387	51.886	ug/l	99
94) Hexachlorobutadiene	15.27	225	51853	49.451	ug/l	96
95) Naphthalene	15.41	128	175817	53.267	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	83088	54.162	ug/l	96

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

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