

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051320\
 Data File : VD065730.D
 Acq On : 13 May 2020 13:48
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: May 13 14:11:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 13:42:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	363293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	552034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	483884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	234735	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	302111	86.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	173.50%	
35) Dibromofluoromethane	7.92	113	317827	94.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	188.76%	
50) Toluene-d8	10.34	98	1199778	93.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.54%	
62) 4-Bromofluorobenzene	12.64	95	400379	88.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	176.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	246169	88.704	ug/l	100
3) Chloromethane	2.21	50	332884	93.546	ug/l	99
4) Vinyl Chloride	2.35	62	378610	104.259	ug/l	100
5) Bromomethane	2.76	94	235824	102.030	ug/l	99
6) Chloroethane	2.92	64	245707	104.531	ug/l	100
7) Trichlorofluoromethane	3.27	101	517883	91.040	ug/l	97
8) Diethyl Ether	3.71	74	150982	85.497	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	316575	91.715	ug/l	99
10) Methyl Iodide	4.30	142	389856	114.296	ug/l	99
11) Tert butyl alcohol	5.23	59	109144	346.423	ug/l	100
12) 1,1-Dichloroethene	4.07	96	303413	89.615	ug/l	96
13) Acrolein	3.92	56	78130	279.819	ug/l	99
14) Allyl chloride	4.71	41	514715	77.690	ug/l	100
15) Acrylonitrile	5.43	53	330003	402.433	ug/l	99
16) Acetone	4.16	43	295512	402.394	ug/l	94
17) Carbon Disulfide	4.41	76	946844	85.943	ug/l	99
18) Methyl Acetate	4.71	43	142379	77.520	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	701201	86.549	ug/l	98
20) Methylene Chloride	4.97	84	318311	83.678	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	343566	88.494	ug/l	97
22) Diisopropyl ether	6.36	45	993888	80.805	ug/l	93
23) Vinyl Acetate	6.31	43	3006115	406.045	ug/l	100
24) 1,1-Dichloroethane	6.27	63	582344	85.420	ug/l	99
25) 2-Butanone	7.21	43	428379	392.071	ug/l	98
26) 2,2-Dichloropropane	7.21	77	528672	85.682	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	375615	89.428	ug/l	99
28) Bromochloromethane	7.55	49	253877	89.215	ug/l	99
29) Tetrahydrofuran	7.56	42	272582	386.256	ug/l	99
30) Chloroform	7.71	83	585014	88.625	ug/l	99
31) Cyclohexane	7.99	56	552940	78.520	ug/l	99
32) 1,1,1-Trichloroethane	7.91	97	547164	89.067	ug/l	98
36) 1,1-Dichloropropene	8.11	75	471494	88.226	ug/l	100
37) Ethyl Acetate	7.30	43	198246	78.687	ug/l	99
38) Carbon Tetrachloride	8.10	117	504809	94.289	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	604264	90.193	ug/l	99
40) Benzene	8.36	78	1308343	89.525	ug/l	99
41) Methacrylonitrile	7.53	41	114087	77.503	ug/l	94
42) 1,2-Dichloroethane	8.43	62	364400	86.892	ug/l	99
43) Isopropyl Acetate	8.46	43	406952	80.731	ug/l	99
44) Trichloroethene	9.11	130	386514	94.754	ug/l	100
45) 1,2-Dichloropropane	9.39	63	324964	86.670	ug/l	98
46) Dibromomethane	9.48	93	174022	91.686	ug/l	99
47) Bromodichloromethane	9.67	83	460153	90.650	ug/l	97
48) Methyl methacrylate	9.46	41	196709	78.102	ug/l	98
49) 1,4-Dioxane	9.46	88	40290	1747.259	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	972229	400.037	ug/l	100
52) Toluene	10.41	92	854856	91.985	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	452222	88.575	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	531022	87.814	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	240335	93.958	ug/l	95
56) Ethyl methacrylate	10.66	69	312199	85.477	ug/l	99
57) 1,3-Dichloropropane	10.95	76	409598	89.381	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	698915	413.509	ug/l	99
59) 2-Hexanone	10.99	43	660583	396.722	ug/l	98
60) Dibromochloromethane	11.14	129	326235	94.185	ug/l	99
61) 1,2-Dibromoethane	11.25	107	238886	92.801	ug/l	99
64) Tetrachloroethene	10.88	164	326438	95.823	ug/l	97
65) Chlorobenzene	11.67	112	903547	93.981	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	341538	95.433	ug/l	99
67) Ethyl Benzene	11.75	91	1639850	92.030	ug/l	96
68) m/p-Xylenes	11.86	106	1242415	186.300	ug/l	100
69) o-Xylene	12.18	106	577506	92.767	ug/l	96
70) Styrene	12.20	104	996723	93.333	ug/l	99
71) Bromoform	12.37	173	196825	97.613	ug/l #	99
73) Isopropylbenzene	12.48	105	1598302	91.855	ug/l	100
74) N-amyl acetate	12.30	43	376552	77.929	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	252757	87.328	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	193196m	99.208	ug/l	
77) Bromobenzene	12.77	156	382000	94.983	ug/l	99
78) n-propylbenzene	12.83	91	1853051	90.705	ug/l	100
79) 2-Chlorotoluene	12.91	91	1019649	88.450	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	1304250	91.508	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	92793	85.802	ug/l	98
82) 4-Chlorotoluene	13.01	91	1064074	88.088	ug/l	99
83) tert-Butylbenzene	13.23	119	1157747	94.748	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	1291025	90.795	ug/l	99
85) sec-Butylbenzene	13.41	105	1590896	93.500	ug/l	99
86) p-Isopropyltoluene	13.53	119	1462197	93.983	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	708283	93.912	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	699227	93.787	ug/l	99
89) n-Butylbenzene	13.85	91	1360504	90.784	ug/l	99
90) Hexachloroethane	14.12	117	289695	93.789	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	616948	94.837	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	41655	86.460	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	470771	96.468	ug/l	98
94) Hexachlorobutadiene	15.28	225	287184	101.201	ug/l	99
95) Naphthalene	15.41	128	799261	93.918	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	402407	96.955	ug/l	100

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

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