

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050120\
 Data File : VD065687.D
 Acq On : 01 May 2020 17:52
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: May 02 05:10:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050120S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 02 02:54:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	511003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	785250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	741618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	377754	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	32418	7.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	15.06%	
35) Dibromofluoromethane	7.91	113	27966	5.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.24%	
50) Toluene-d8	10.34	98	92919	6.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	13.00%	
62) 4-Bromofluorobenzene	12.64	95	30973	5.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.30%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.99	85	18878	4.509	ug/l	89
3) Chloromethane	2.20	50	34049	8.375	ug/l	99
4) Vinyl Chloride	2.34	62	36800	9.356	ug/l	95
5) Bromomethane	2.77	94	25070	17.418	ug/l	91
6) Chloroethane	2.92	64	24493	14.387	ug/l	94
7) Trichlorofluoromethane	3.27	101	46645	8.127	ug/l	96
8) Diethyl Ether	3.71	74	10705	6.960	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	29177	5.979	ug/l	98
10) Methyl Iodide	4.30	142	17941	3.159	ug/l	93
11) Tert butyl alcohol	5.20	59	11215m	46.795	ug/l	
12) 1,1-Dichloroethene	4.06	96	21389	5.115	ug/l #	91
13) Acrolein	3.92	56	10541	38.038	ug/l #	81
14) Allyl chloride	4.71	41	36222	6.040	ug/l	97
15) Acrylonitrile	5.43	53	24486	32.299	ug/l	93
16) Acetone	4.16	43	27033	28.602	ug/l	91
17) Carbon Disulfide	4.40	76	78956	6.406	ug/l	97
18) Methyl Acetate	4.72	43	17901	8.535	ug/l	91
19) Methyl tert-butyl Ether	5.49	73	42412	4.950	ug/l	98
20) Methylene Chloride	4.97	84	50899	9.377	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	25999	5.385	ug/l	96
22) Diisopropyl ether	6.36	45	64179	4.689	ug/l #	86
23) Vinyl Acetate	6.31	43	167044	23.097	ug/l	98
24) 1,1-Dichloroethane	6.27	63	49221	5.947	ug/l #	92
25) 2-Butanone	7.22	43	36018	30.169	ug/l	96
26) 2,2-Dichloropropane	7.21	77	44759	6.230	ug/l	90
27) cis-1,2-Dichloroethene	7.21	96	28182	5.138	ug/l	96
28) Bromochloromethane	7.55	49	20438	6.390	ug/l	86
29) Tetrahydrofuran	7.57	42	19260	31.245	ug/l	96
30) Chloroform	7.71	83	54225	5.939	ug/l	96
31) Cyclohexane	7.99	56	48811	7.845	ug/l #	83
32) 1,1,1-Trichloroethane	7.91	97	47277	5.955	ug/l	92
36) 1,1-Dichloropropene	8.11	75	37057	5.813	ug/l	96
37) Ethyl Acetate	7.29	43	17014	6.133	ug/l	96
38) Carbon Tetrachloride	8.10	117	45012	5.788	ug/l	95

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

39) Methylcyclohexane	9.36	83	35923	5.546	ug/l #	81
40) Benzene	8.36	78	109183	6.719	ug/l	99
41) Methacrylonitrile	7.52	41	8213m	2.873	ug/l	
42) 1,2-Dichloroethane	8.43	62	36179	6.612	ug/l	94
43) Isopropyl Acetate	9.52	43	22285	5.642	ug/l #	96
44) Trichloroethene	9.11	130	31955	5.450	ug/l	96
45) 1,2-Dichloropropane	9.39	63	26321	6.368	ug/l	93
46) Dibromomethane	9.48	93	15677	5.601	ug/l	92
47) Bromodichloromethane	9.67	83	43030	6.329	ug/l #	93
48) Methyl methacrylate	9.46	41	11754	4.924	ug/l #	79
49) 1,4-Dioxane	9.48	88	3554	141.341	ug/l #	85
51) 4-Methyl-2-Pentanone	10.23	43	69273	27.584	ug/l	95
52) Toluene	10.40	92	60905	5.800	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	31768	5.538	ug/l	93
54) cis-1,3-Dichloropropene	10.10	75	38079	5.454	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	20700	6.116	ug/l	93
56) Ethyl methacrylate	10.67	69	16875	4.444	ug/l	89
57) 1,3-Dichloropropane	10.95	76	34187	6.367	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	46885	26.885	ug/l	99
59) 2-Hexanone	10.99	43	44479	24.139	ug/l	86
60) Dibromochloromethane	11.14	129	27815	5.165	ug/l	94
61) 1,2-Dibromoethane	11.25	107	18371	4.697	ug/l	92
64) Tetrachloroethene	10.87	164	27756	5.229	ug/l	94
65) Chlorobenzene	11.67	112	76316	5.354	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	29681	4.999	ug/l	91
67) Ethyl Benzene	11.75	91	114060	4.809	ug/l	97
68) m/p-Xylenes	11.86	106	79746	9.141	ug/l	94
69) o-Xylene	12.18	106	34849	4.420	ug/l	95
70) Styrene	12.20	104	59019	4.298	ug/l	96
71) Bromoform	12.37	173	16608	4.900	ug/l #	89
73) Isopropylbenzene	12.48	105	91732	3.645	ug/l	99
74) N-amyl acetate	12.29	43	21223	3.340	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.74	83	22766	4.722	ug/l	95
76) 1,2,3-Trichloropropane	12.79	75	13671m	3.065	ug/l	
77) Bromobenzene	12.77	156	29963	4.227	ug/l	89
78) n-propylbenzene	12.83	91	117479	4.022	ug/l	96
79) 2-Chlorotoluene	12.91	91	68206	3.922	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	76380	3.761	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.54	75	5772	3.994	ug/l	83
82) 4-Chlorotoluene	13.01	91	76353	4.012	ug/l	95
83) tert-Butylbenzene	13.23	119	66098	2.975	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	69317	3.609	ug/l	99
85) sec-Butylbenzene	13.41	105	94009	3.757	ug/l	95
86) p-Isopropyltoluene	13.53	119	83155	3.715	ug/l	97
87) 1,3-Dichlorobenzene	13.53	146	56211	4.477	ug/l	92
88) 1,4-Dichlorobenzene	13.60	146	61096	5.198	ug/l	97
89) n-Butylbenzene	13.86	91	82907	4.075	ug/l	93
90) Hexachloroethane	14.12	117	23537	4.058	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	50274	4.808	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.51	75	3770	5.650	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	29848	5.175	ug/l	85
94) Hexachlorobutadiene	15.28	225	23283	5.555	ug/l	93
95) Naphthalene	15.41	128	38703	4.142	ug/l	95
96) 1,2,3-Trichlorobenzene	15.61	180	24315	6.722	ug/l	93

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

