

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062620\
 Data File : VD065873.D
 Acq On : 26 Jun 2020 10:44
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 26 18:41:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 18:33:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	146251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	240592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	213918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	101908	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	8456	5.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.16%	
35) Dibromofluoromethane	7.91	113	8321	5.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.52%	
50) Toluene-d8	10.34	98	28960	5.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.32%	
62) 4-Bromofluorobenzene	12.63	95	9223	5.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.99	85	7762	5.618	ug/l 94
3) Chloromethane	2.21	50	10372	5.299	ug/l 95
4) Vinyl Chloride	2.35	62	11659	5.489	ug/l # 78
5) Bromomethane	2.77	94	8258	5.953	ug/l # 72
6) Chloroethane	2.92	64	7589	5.573	ug/l # 87
7) Trichlorofluoromethane	3.27	101	14138	5.165	ug/l 91
8) Diethyl Ether	3.71	74	3718	5.333	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	7987	5.214	ug/l # 88
10) Methyl Iodide	4.30	142	5592	3.930	ug/l # 92
11) Tert butyl alcohol	5.22	59	2435	28.990	ug/l # 69
12) 1,1-Dichloroethene	4.07	96	7239	4.977	ug/l 96
13) Acrolein	3.92	56	2990	27.923	ug/l 90
14) Allyl chloride	4.72	41	10621	4.699	ug/l 95
15) Acrylonitrile	5.43	53	6915	22.786	ug/l 89
16) Acetone	4.16	43	7491	25.032	ug/l 93
17) Carbon Disulfide	4.41	76	25054	5.222	ug/l 99
18) Methyl Acetate	4.73	43	3650	5.720	ug/l # 64
19) Methyl tert-butyl Ether	5.49	73	14788m	4.744	ug/l
20) Methylene Chloride	4.97	84	11500	6.342	ug/l # 93
21) trans-1,2-Dichloroethene	5.47	96	8266	5.048	ug/l 91
22) Diisopropyl ether	6.36	45	21645	4.648	ug/l 95
23) Vinyl Acetate	6.31	43	59022	21.817	ug/l # 92
24) 1,1-Dichloroethane	6.26	63	14286	5.059	ug/l 95
25) 2-Butanone	7.21	43	9220	23.194	ug/l # 86
26) 2,2-Dichloropropane	7.21	77	13155	5.132	ug/l 97
27) cis-1,2-Dichloroethene	7.22	96	9410	5.345	ug/l 91
28) Bromochloromethane	7.55	49	5208	5.018	ug/l 100
29) Tetrahydrofuran	7.57	42	6430	26.111	ug/l # 74
30) Chloroform	7.71	83	15361	5.153	ug/l 85
31) Cyclohexane	7.98	56	16039	5.965	ug/l # 81
32) 1,1,1-Trichloroethane	7.91	97	13690	4.945	ug/l 98
36) 1,1-Dichloropropene	8.11	75	11146	4.694	ug/l 92
37) Ethyl Acetate	7.30	43	4266	4.714	ug/l # 84
38) Carbon Tetrachloride	8.10	117	12710	5.027	ug/l # 89

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 VSTDIC005

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	13313	4.804	ug/l	95
40) Benzene	8.36	78	30615	4.679	ug/l	99
41) Methacrylonitrile	7.53	41	2690	4.786	ug/l #	57
42) 1,2-Dichloroethane	8.43	62	9477	4.954	ug/l	98
43) Isopropyl Acetate	8.46	43	7943	4.532	ug/l #	57
44) Trichloroethene	9.11	130	9102	5.226	ug/l	91
45) 1,2-Dichloropropane	9.38	63	7278	4.610	ug/l	95
46) Dibromomethane	9.47	93	4088	4.806	ug/l	95
47) Bromodichloromethane	9.66	83	10674	4.609	ug/l	92
48) Methyl methacrylate	9.46	41	3769	4.401	ug/l	98
49) 1,4-Dioxane	9.47	88	714	75.448	ug/l #	76
51) 4-Methyl-2-Pentanone	10.23	43	21098	23.847	ug/l	98
52) Toluene	10.40	92	19666	4.683	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	10891	5.095	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	12278	4.800	ug/l #	87
55) 1,1,2-Trichloroethane	10.80	97	5537	4.852	ug/l	92
56) Ethyl methacrylate	10.66	69	6035	4.268	ug/l	95
57) 1,3-Dichloropropane	10.95	76	9122	4.508	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.94	63	15116	24.422	ug/l	94
59) 2-Hexanone	10.98	43	14234	22.758	ug/l	95
60) Dibromochloromethane	11.14	129	7618	4.950	ug/l	97
61) 1,2-Dibromoethane	11.25	107	5389	4.858	ug/l	100
64) Tetrachloroethene	10.87	164	6998	5.032	ug/l #	85
65) Chlorobenzene	11.67	112	21409	5.075	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.75	131	8071	5.164	ug/l	99
67) Ethyl Benzene	11.74	91	37368	4.777	ug/l	92
68) m/p-Xylenes	11.86	106	27363	9.170	ug/l	98
69) o-Xylene	12.18	106	12709	4.752	ug/l	93
70) Styrene	12.20	104	21070	4.502	ug/l	98
71) Bromoform	12.37	173	4314	5.181	ug/l #	98
73) Isopropylbenzene	12.48	105	33797	4.637	ug/l	99
74) N-amyl acetate	12.29	43	7459	4.687	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.73	83	6022	5.012	ug/l	94
76) 1,2,3-Trichloropropane	12.79	75	4288m	5.075	ug/l	
77) Bromobenzene	12.77	156	8506	5.185	ug/l	92
78) n-propylbenzene	12.83	91	41389	4.703	ug/l	99
79) 2-Chlorotoluene	12.91	91	22642	4.682	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	28845	4.750	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.54	75	1894	4.616	ug/l	96
82) 4-Chlorotoluene	13.01	91	24078	4.630	ug/l	94
83) tert-Butylbenzene	13.23	119	23589	4.570	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	26871	4.447	ug/l	98
85) sec-Butylbenzene	13.41	105	34394	4.717	ug/l	99
86) p-Isopropyltoluene	13.52	119	29310	4.377	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	15703	4.914	ug/l	96
88) 1,4-Dichlorobenzene	13.60	146	15934	4.988	ug/l	92
89) n-Butylbenzene	13.85	91	30323	4.671	ug/l	96
90) Hexachloroethane	14.11	117	6820	5.052	ug/l	88
91) 1,2-Dichlorobenzene	13.90	146	13395	4.797	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.51	75	700	3.637	ug/l #	52

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	8190	4.540	ug/l	92
94) Hexachlorobutadiene	15.27	225	5467	5.509	ug/l	98
95) Naphthalene	15.41	128	15278	4.865	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	7033	4.719	ug/l	98

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

