

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042319\
 Data File : VD061964.D
 Acq On : 23 Apr 2019 11:28
 Operator : VA/AP
 Sample : VSTDIC020
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Apr 23 11:56:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 11:00:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	641483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1068674	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	906061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	417947	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	98482	16.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	32.68%	
35) Dibromofluoromethane	6.93	113	149703	18.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.44%	
50) Toluene-d8	10.41	98	354920	19.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.70%	
62) 4-Bromofluorobenzene	13.55	95	143764	17.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	98196	15.867	ug/l	94
3) Chloromethane	1.76	50	86358	17.700	ug/l	95
4) Vinyl Chloride	1.86	62	85425	19.532	ug/l	100
5) Bromomethane	2.15	94	21070	15.625	ug/l	92
6) Chloroethane	2.26	64	24901	14.950	ug/l	98
7) Trichlorofluoromethane	2.53	101	118707	16.760	ug/l	98
8) Diethyl Ether	2.87	74	36344	19.572	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.16	101	112302	17.823	ug/l	95
10) Methyl Iodide	3.32	142	142366	15.288	ug/l	100
11) Tert butyl alcohol	4.08	59	28294	88.124	ug/l	96
12) 1,1-Dichloroethene	3.13	96	95999	18.808	ug/l	98
13) Acrolein	3.04	56	32406	138.264	ug/l	93
14) Allyl chloride	3.63	41	138086	18.517	ug/l	99
15) Acrylonitrile	4.20	53	86438	86.518	ug/l	98
16) Acetone	3.23	43	106686	95.505	ug/l	100
17) Carbon Disulfide	3.39	76	263101	17.375	ug/l	100
18) Methyl Acetate	3.64	43	46140	16.356	ug/l	98
19) Methyl tert-butyl Ether	4.25	73	196821	16.711	ug/l	96
20) Methylene Chloride	3.82	84	128898	17.955	ug/l	98
21) trans-1,2-Dichloroethene	4.22	96	108353	17.416	ug/l	99
22) Diisopropyl ether	5.13	45	316322	17.170	ug/l	99
23) Vinyl Acetate	5.07	43	865962	88.264	ug/l	100
24) 1,1-Dichloroethane	4.99	63	199789	18.426	ug/l	98
25) 2-Butanone	6.08	43	140790	90.463	ug/l	98
26) 2,2-Dichloropropane	6.03	77	162905	18.200	ug/l	93
27) cis-1,2-Dichloroethene	6.04	96	133958	18.246	ug/l	95
28) Bromochloromethane	6.45	49	84386	19.747	ug/l	94
29) Tetrahydrofuran	6.46	42	71935	88.779	ug/l	97
30) Chloroform	6.67	83	229497	18.037	ug/l	99
31) Cyclohexane	6.97	56	147051	19.100	ug/l	98
32) 1,1,1-Trichloroethane	6.88	97	196251	17.640	ug/l	97
36) 1,1-Dichloropropene	7.16	75	164121	19.170	ug/l	94
37) Ethyl Acetate	6.19	43	68019	17.208	ug/l	95
38) Carbon Tetrachloride	7.13	117	190418	17.421	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	155283	18.387	ug/l	94
40) Benzene	7.46	78	386578	17.966	ug/l	96
41) Methacrylonitrile	6.46	41	82185	17.566	ug/l #	95
42) 1,2-Dichloroethane	7.59	62	139707	17.685	ug/l	98
43) Isopropyl Acetate	9.24	43	101092	17.554	ug/l	92
44) Trichloroethene	8.54	130	149085	18.650	ug/l	94
45) 1,2-Dichloropropane	8.95	63	99879	18.203	ug/l	96
46) Dibromomethane	9.08	93	72289	17.366	ug/l	92
47) Bromodichloromethane	9.38	83	164086	17.203	ug/l	98
48) Methyl methacrylate	9.12	41	60237	18.333	ug/l	93
49) 1,4-Dioxane	9.09	88	12672	373.234	ug/l	92
51) 4-Methyl-2-Pentanone	10.31	43	324645	88.239	ug/l	99
52) Toluene	10.51	92	268143	19.368	ug/l	94
53) t-1,3-Dichloropropene	10.92	75	144756	17.093	ug/l	99
54) cis-1,3-Dichloropropene	10.05	75	174946	17.782	ug/l	96
55) 1,1,2-Trichloroethane	11.19	97	87937	17.651	ug/l	92
56) Ethyl methacrylate	11.04	69	94312	17.821	ug/l	96
57) 1,3-Dichloropropane	11.41	76	120598	16.246	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.86	63	270384	106.488	ug/l	100
59) 2-Hexanone	11.54	43	228321	88.212	ug/l	95
60) Dibromochloromethane	11.69	129	141660	17.664	ug/l	100
61) 1,2-Dibromoethane	11.81	107	105584	17.687	ug/l	96
64) Tetrachloroethene	11.26	164	119000	18.037	ug/l	97
65) Chlorobenzene	12.40	112	315787	18.160	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	131618	18.336	ug/l	96
67) Ethyl Benzene	12.53	91	488630	18.507	ug/l	98
68) m/p-Xylenes	12.67	106	359549	35.602	ug/l	99
69) o-Xylene	13.05	106	181295	18.863	ug/l	99
70) Styrene	13.07	104	312075	18.764	ug/l	98
71) Bromoform	13.24	173	78782	17.780	ug/l #	96
73) Isopropylbenzene	13.41	105	535246	20.083	ug/l	98
74) N-amyl acetate	13.27	43	131930	18.199	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	99105	17.251	ug/l	97
76) 1,2,3-Trichloropropane	13.73	75	94398	17.009	ug/l	97
77) Bromobenzene	13.67	156	131502	16.758	ug/l	94
78) n-propylbenzene	13.78	91	582998	18.427	ug/l	97
79) 2-Chlorotoluene	13.84	91	330672	17.489	ug/l	96
80) 1,3,5-Trimethylbenzene	13.94	105	389080	17.441	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.48	75	30693	18.705	ug/l	95
82) 4-Chlorotoluene	13.95	91	381674	17.916	ug/l	91
83) tert-Butylbenzene	14.19	119	454977	17.966	ug/l	96
84) 1,2,4-Trimethylbenzene	14.24	105	422646	19.318	ug/l	99
85) sec-Butylbenzene	14.37	105	533435	19.570	ug/l	99
86) p-Isopropyltoluene	14.49	119	432357	17.325	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	233428	16.450	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	248973	18.609	ug/l	97
89) n-Butylbenzene	14.80	91	373994	16.470	ug/l	97
90) Hexachloroethane	15.01	117	120375	17.271	ug/l	91
91) 1,2-Dichlorobenzene	14.81	146	207278	17.036	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.39	75	12183	15.913	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	113044	18.529	ug/l	94
94) Hexachlorobutadiene	16.04	225	72680	16.365	ug/l	99
95) Naphthalene	16.12	128	186666	19.056	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	64430	18.985	ug/l	99

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

