

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040519\
 Data File : VD061615.D
 Acq On : 5 Apr 2019 11:27
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 05 11:53:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	644426	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.20	114	1098501	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.34	117	864288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	406294	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.43	65	312824	56.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.66%	
35) Dibromofluoromethane	6.90	113	455424	54.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.50%	
50) Toluene-d8	10.39	98	1099563	54.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.22%	
62) 4-Bromofluorobenzene	13.55	95	435630	56.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	314981	45.768	ug/l	100
3) Chloromethane	1.76	50	237504	42.315	ug/l	97
4) Vinyl Chloride	1.86	62	248375	48.195	ug/l	99
5) Bromomethane	2.16	94	45876	44.891	ug/l	100
6) Chloroethane	2.26	64	81961	54.232	ug/l	93
7) Trichlorofluoromethane	2.53	101	387480	51.706	ug/l	99
8) Diethyl Ether	2.86	74	120785	50.060	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.15	101	376666	46.752	ug/l	96
10) Methyl Iodide	3.31	142	550061	45.263	ug/l	100
11) Tert butyl alcohol	4.04	59	83556	243.724	ug/l	96
12) 1,1-Dichloroethene	3.13	96	321404	46.466	ug/l	95
13) Acrolein	3.03	56	57357	216.515	ug/l	97
14) Allyl chloride	3.61	41	476327	49.372	ug/l	99
15) Acrylonitrile	4.18	53	292936	246.186	ug/l	99
16) Acetone	3.21	43	421619	297.935	ug/l	95
17) Carbon Disulfide	3.38	76	887917	39.509	ug/l	100
18) Methyl Acetate	3.63	43	148002	49.742	ug/l	97
19) Methyl tert-butyl Ether	4.22	73	585608	48.909	ug/l	97
20) Methylene Chloride	3.81	84	387083	48.781	ug/l	98
21) trans-1,2-Dichloroethene	4.20	96	352932	47.260	ug/l	96
22) Diisopropyl ether	5.10	45	998721	48.919	ug/l	97
23) Vinyl Acetate	5.04	43	2540880	229.118	ug/l	97
24) 1,1-Dichloroethane	4.96	63	591690	49.315	ug/l	99
25) 2-Butanone	6.04	43	464436	260.902	ug/l	98
26) 2,2-Dichloropropane	6.00	77	506008	53.052	ug/l	99
27) cis-1,2-Dichloroethene	6.01	96	393852	48.136	ug/l	96
28) Bromochloromethane	6.42	49	251793	51.988	ug/l #	95
29) Tetrahydrofuran	6.44	42	219525	254.429	ug/l	100
30) Chloroform	6.64	83	652721	52.649	ug/l	98
31) Cyclohexane	6.93	56	449188	47.375	ug/l	99
32) 1,1,1-Trichloroethane	6.85	97	546717	49.986	ug/l	96
36) 1,1-Dichloropropene	7.13	75	468597	48.876	ug/l	98
37) Ethyl Acetate	6.16	43	217476	53.039	ug/l	100
38) Carbon Tetrachloride	7.10	117	597706	54.253	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.84	83	442048	44.270	ug/l	99
40) Benzene	7.43	78	1189295	49.427	ug/l	98
41) Methacrylonitrile	6.43	41	243923	50.878	ug/l	98
42) 1,2-Dichloroethane	7.55	62	364962	50.707	ug/l	98
43) Isopropyl Acetate	9.21	43	283893	47.586	ug/l	100
44) Trichloroethene	8.51	130	453023	50.591	ug/l	98
45) 1,2-Dichloropropane	8.92	63	297434	48.749	ug/l	99
46) Dibromomethane	9.04	93	207251	50.467	ug/l	93
47) Bromodichloromethane	9.35	83	471853	51.192	ug/l	99
48) Methyl methacrylate	9.10	41	157940	47.970	ug/l	98
49) 1,4-Dioxane	9.06	88	37929	1044.416	ug/l	87
51) 4-Methyl-2-Pentanone	10.28	43	911105	251.021	ug/l	98
52) Toluene	10.48	92	768544	52.355	ug/l	99
53) t-1,3-Dichloropropene	10.89	75	412834	49.297	ug/l	98
54) cis-1,3-Dichloropropene	10.02	75	525739	51.558	ug/l	97
55) 1,1,2-Trichloroethane	11.16	97	262887	51.208	ug/l	99
56) Ethyl methacrylate	11.02	69	272071	49.333	ug/l	94
57) 1,3-Dichloropropane	11.39	76	379743	50.326	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.83	63	754894	281.070	ug/l	97
59) 2-Hexanone	11.51	43	682009	259.343	ug/l	99
60) Dibromochloromethane	11.67	129	408135	51.570	ug/l	100
61) 1,2-Dibromoethane	11.78	107	292816	49.257	ug/l	98
64) Tetrachloroethene	11.24	164	314207	46.322	ug/l	96
65) Chlorobenzene	12.38	112	832285	47.120	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.49	131	349945	51.169	ug/l	100
67) Ethyl Benzene	12.51	91	1334521	49.499	ug/l	99
68) m/p-Xylenes	12.66	106	988446	96.786	ug/l	99
69) o-Xylene	13.03	106	526233	53.098	ug/l	99
70) Styrene	13.05	104	881693	51.035	ug/l	95
71) Bromoform	13.22	173	229157	52.859	ug/l	99
73) Isopropylbenzene	13.39	105	1349218	47.713	ug/l	98
74) N-amyl acetate	13.25	43	383329	48.662	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.68	83	284614	47.713	ug/l	98
76) 1,2,3-Trichloropropane	13.72	75	280709	47.829	ug/l	99
77) Bromobenzene	13.65	156	372068	44.383	ug/l	91
78) n-propylbenzene	13.76	91	1557446	45.006	ug/l	98
79) 2-Chlorotoluene	13.83	91	921962	49.067	ug/l	98
80) 1,3,5-Trimethylbenzene	13.92	105	1129991	51.503	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.46	75	89463	49.994	ug/l	94
82) 4-Chlorotoluene	13.93	91	1044851	51.141	ug/l	87
83) tert-Butylbenzene	14.18	119	1267446	46.225	ug/l	99
84) 1,2,4-Trimethylbenzene	14.22	105	1125265	47.373	ug/l	99
85) sec-Butylbenzene	14.35	105	1346067	46.211	ug/l	99
86) p-Isopropyltoluene	14.48	119	1240287	50.355	ug/l	99
87) 1,3-Dichlorobenzene	14.44	146	680892	47.964	ug/l	98
88) 1,4-Dichlorobenzene	14.52	146	630310	45.530	ug/l	94
89) n-Butylbenzene	14.79	91	1138898	50.377	ug/l	99
90) Hexachloroethane	14.99	117	332226	47.744	ug/l	76
91) 1,2-Dichlorobenzene	14.80	146	575288	49.406	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.37	75	36610	52.328	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.93	180	276808	52.185	ug/l	96
94) Hexachlorobutadiene	16.03	225	194661	46.963	ug/l	97
95) Naphthalene	16.11	128	395677	48.938	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	119177	51.058	ug/l	96

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

