

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
 Data File : VD061370.D
 Acq On : 28 Mar 2019 1:19
 Operator : VA/AP
 Sample : VD0327SBSD02
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBSD02

Quant Time: Mar 28 09:26:49 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	7.01	168	659552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.18	114	1129160	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	940962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	416533	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	294780	52.32	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.64%	
35) Dibromofluoromethane	6.90	113	477926	55.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.78%	
50) Toluene-d8	10.38	98	1018103	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	13.54	95	414721	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.58	85	121946	17.313 ug/l	99
3) Chloromethane	1.75	50	102161	17.784 ug/l	96
4) Vinyl Chloride	1.85	62	93780	17.780 ug/l	95
5) Bromomethane	2.14	94	16344	15.626 ug/l #	91
6) Chloroethane	2.25	64	21363	13.811 ug/l	99
7) Trichlorofluoromethane	2.51	101	120794	15.749 ug/l	97
8) Diethyl Ether	2.86	74	46440	18.806 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.13	101	139958	16.973 ug/l	97
10) Methyl Iodide	3.29	142	166499	15.828 ug/l	97
11) Tert butyl alcohol	4.04	59	32077	91.419 ug/l	98
12) 1,1-Dichloroethene	3.12	96	127639	18.030 ug/l	92
13) Acrolein	3.02	56	35263	119.988 ug/l	97
14) Allyl chloride	3.60	41	171414	17.360 ug/l	95
15) Acrylonitrile	4.17	53	123409	101.335 ug/l	98
16) Acetone	3.20	43	104266	71.989 ug/l	100
17) Carbon Disulfide	3.36	76	398006	17.304 ug/l	100
18) Methyl Acetate	3.62	43	58380	19.171 ug/l #	87
19) Methyl tert-butyl Ether	4.21	73	241369	19.696 ug/l	100
20) Methylene Chloride	3.79	84	162143	18.785 ug/l	88
21) trans-1,2-Dichloroethene	4.19	96	140388	18.368 ug/l	97
22) Diisopropyl ether	5.09	45	394762	18.893 ug/l	96
23) Vinyl Acetate	5.02	43	1066682	93.980 ug/l	98
24) 1,1-Dichloroethane	4.96	63	211162	17.196 ug/l	99
25) 2-Butanone	6.03	43	152118	83.494 ug/l	98
26) 2,2-Dichloropropane	6.00	77	157566	16.141 ug/l	96
27) cis-1,2-Dichloroethene	6.01	96	153209	18.296 ug/l	99
28) Bromochloromethane	6.40	49	106966	21.579 ug/l #	99
29) Tetrahydrofuran	6.42	42	93823	106.247 ug/l	98
30) Chloroform	6.63	83	239088	18.843 ug/l	98
31) Cyclohexane	6.92	56	170147	17.534 ug/l	98
32) 1,1,1-Trichloroethane	6.84	97	203983	18.222 ug/l	98
36) 1,1-Dichloropropene	7.11	75	163685	16.609 ug/l	96
37) Ethyl Acetate	6.15	43	79582	18.882 ug/l	95
38) Carbon Tetrachloride	7.08	117	194118	17.142 ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.83	83	180632	17.599	ug/l	97
40) Benzene	7.43	78	437132	17.674	ug/l	98
41) Methacrylonitrile	6.41	41	97955	19.877	ug/l #	98
42) 1,2-Dichloroethane	7.55	62	142211	19.222	ug/l	99
43) Isopropyl Acetate	9.21	43	112929	18.415	ug/l	98
44) Trichloroethene	8.51	130	161946	17.594	ug/l	96
45) 1,2-Dichloropropane	8.91	63	118523	18.898	ug/l	99
46) Dibromomethane	9.03	93	81764	19.369	ug/l	92
47) Bromodichloromethane	9.35	83	163175	17.223	ug/l	100
48) Methyl methacrylate	9.09	41	62498	18.467	ug/l	99
49) 1,4-Dioxane	9.05	88	14151	379.083	ug/l	91
51) 4-Methyl-2-Pentanone	10.27	43	386015	103.464	ug/l	98
52) Toluene	10.48	92	270470	17.925	ug/l	98
53) t-1,3-Dichloropropene	10.88	75	160832	18.684	ug/l	99
54) cis-1,3-Dichloropropene	10.01	75	193364	18.448	ug/l	96
55) 1,1,2-Trichloroethane	11.16	97	102665	19.455	ug/l	96
56) Ethyl methacrylate	11.01	69	101699	17.940	ug/l	95
57) 1,3-Dichloropropane	11.37	76	146493	18.887	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.83	63	304830	110.416	ug/l	100
59) 2-Hexanone	11.50	43	259224	95.897	ug/l	99
60) Dibromochloromethane	11.66	129	154458	18.987	ug/l	95
61) 1,2-Dibromoethane	11.78	107	114729	18.776	ug/l	99
64) Tetrachloroethene	11.23	164	119268	16.150	ug/l	100
65) Chlorobenzene	12.38	112	350531	18.228	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.49	131	139388	18.721	ug/l	97
67) Ethyl Benzene	12.50	91	524749	17.878	ug/l	95
68) m/p-Xylenes	12.64	106	408137	36.707	ug/l	95
69) o-Xylene	13.03	106	182438	16.908	ug/l	94
70) Styrene	13.06	104	331617	17.631	ug/l	99
71) Bromoform	13.22	173	84592	17.922	ug/l	98
73) Isopropylbenzene	13.38	105	530518	18.300	ug/l	99
74) N-amyl acetate	13.24	43	147670	18.285	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.69	83	107127	17.517	ug/l	97
76) 1,2,3-Trichloropropane	13.72	75	104876	17.430	ug/l	98
77) Bromobenzene	13.65	156	146551	17.052	ug/l	94
78) n-propylbenzene	13.76	91	601565	16.956	ug/l	99
79) 2-Chlorotoluene	13.83	91	335850	17.435	ug/l	99
80) 1,3,5-Trimethylbenzene	13.91	105	432546	19.230	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.45	75	31629	17.241	ug/l	90
82) 4-Chlorotoluene	13.93	91	416109	19.866	ug/l	100
83) tert-Butylbenzene	14.17	119	514801	18.314	ug/l	98
84) 1,2,4-Trimethylbenzene	14.22	105	426760	17.525	ug/l	98
85) sec-Butylbenzene	14.35	105	508902	17.041	ug/l	98
86) p-Isopropyltoluene	14.48	119	459431	18.194	ug/l	99
87) 1,3-Dichlorobenzene	14.44	146	245667	16.880	ug/l	99
88) 1,4-Dichlorobenzene	14.52	146	260177	18.332	ug/l	99
89) n-Butylbenzene	14.78	91	432322	18.653	ug/l	99
90) Hexachloroethane	15.00	117	121680	17.057	ug/l	100
91) 1,2-Dichlorobenzene	14.79	146	240218	20.123	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	15.36	75	13491	18.809	ug/l	92

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93) 1,2,4-Trichlorobenzene	15.93	180	111705	20.541	ug/l	96
94) Hexachlorobutadiene	16.02	225	83412	19.629	ug/l	100
95) Naphthalene	16.11	128	157064	18.949	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	57835	24.169	ug/l	98

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

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