

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
 Data File : VD061357.D
 Acq On : 27 Mar 2019 17:01
 Operator : VA/AP
 Sample : VD0327SBSD01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBSD01

Quant Time: Mar 28 09:25:47 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	7.02	168	727150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	1293680	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	1000048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	443363	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	330009	53.13	ug/l	0.00
Spiked Amount			Recovery	=	106.26%	
35) Dibromofluoromethane	6.90	113	493581	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	
50) Toluene-d8	10.39	98	1147273	48.39	ug/l	0.00
Spiked Amount			Recovery	=	96.78%	
62) 4-Bromofluorobenzene	13.54	95	439574	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	164461	21.178	ug/l	96
3) Chloromethane	1.76	50	134964	21.310	ug/l	98
4) Vinyl Chloride	1.85	62	122864	21.128	ug/l	93
5) Bromomethane	2.15	94	23184	20.106	ug/l #	96
6) Chloroethane	2.26	64	27339	16.032	ug/l	95
7) Trichlorofluoromethane	2.52	101	164785	19.487	ug/l	98
8) Diethyl Ether	2.87	74	57551	21.139	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.14	101	183624	20.199	ug/l	96
10) Methyl Iodide	3.30	142	232861	19.147	ug/l	96
11) Tert butyl alcohol	4.05	59	40717	105.256	ug/l #	94
12) 1,1-Dichloroethene	3.11	96	164142	21.031	ug/l	98
13) Acrolein	3.03	56	38039	116.857	ug/l	99
14) Allyl chloride	3.61	41	245867	22.585	ug/l	99
15) Acrylonitrile	4.18	53	147818	110.095	ug/l	95
16) Acetone	3.21	43	161016	100.837	ug/l	97
17) Carbon Disulfide	3.37	76	516261	20.358	ug/l	100
18) Methyl Acetate	3.63	43	73435	21.873	ug/l	97
19) Methyl tert-butyl Ether	4.23	73	284684	21.071	ug/l	100
20) Methylene Chloride	3.80	84	238215	25.697	ug/l	97
21) trans-1,2-Dichloroethene	4.20	96	183139	21.734	ug/l	98
22) Diisopropyl ether	5.09	45	498816	21.653	ug/l	99
23) Vinyl Acetate	5.03	43	1302640	104.099	ug/l	99
24) 1,1-Dichloroethane	4.96	63	286345	21.151	ug/l	98
25) 2-Butanone	6.04	43	202231	100.681	ug/l	97
26) 2,2-Dichloropropane	6.00	77	222933	20.714	ug/l	100
27) cis-1,2-Dichloroethene	6.01	96	199963	21.659	ug/l	94
28) Bromochloromethane	6.41	49	112085	20.509	ug/l #	99
29) Tetrahydrofuran	6.43	42	103469	106.278	ug/l	98
30) Chloroform	6.64	83	306639	21.920	ug/l	99
31) Cyclohexane	6.93	56	233677	21.842	ug/l	97
32) 1,1,1-Trichloroethane	6.85	97	251181	20.353	ug/l	97
36) 1,1-Dichloropropene	7.12	75	225107	19.937	ug/l	97
37) Ethyl Acetate	6.16	43	101184	20.954	ug/l #	96
38) Carbon Tetrachloride	7.09	117	250336	19.295	ug/l	99

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39) Methylcyclohexane	8.84	83	244323	20.777	ug/l	97
40) Benzene	7.43	78	593056	20.929	ug/l	97
41) Methacrylonitrile	6.42	41	112122	19.858	ug/l	99
42) 1,2-Dichloroethane	7.55	62	173027	20.413	ug/l	94
43) Isopropyl Acetate	9.22	43	148429	21.126	ug/l	96
44) Trichloroethene	8.52	130	213989	20.292	ug/l	92
45) 1,2-Dichloropropane	8.91	63	150928	21.005	ug/l	96
46) Dibromomethane	9.04	93	97453	20.150	ug/l	94
47) Bromodichloromethane	9.36	83	217551	20.042	ug/l	99
48) Methyl methacrylate	9.09	41	74614	19.243	ug/l	93
49) 1,4-Dioxane	9.05	88	17064	398.985	ug/l	90
51) 4-Methyl-2-Pentanone	10.27	43	418123	97.818	ug/l	99
52) Toluene	10.49	92	332118	19.211	ug/l	100
53) t-1,3-Dichloropropene	10.89	75	198469	20.124	ug/l	98
54) cis-1,3-Dichloropropene	10.02	75	237398	19.768	ug/l	94
55) 1,1,2-Trichloroethane	11.17	97	114596	18.954	ug/l	97
56) Ethyl methacrylate	11.02	69	127707	19.663	ug/l	98
57) 1,3-Dichloropropane	11.38	76	171513	19.301	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.83	63	301645	95.367	ug/l	97
59) 2-Hexanone	11.51	43	302729	97.749	ug/l	98
60) Dibromochloromethane	11.66	129	185005	19.849	ug/l	99
61) 1,2-Dibromoethane	11.79	107	139448	19.919	ug/l	98
64) Tetrachloroethene	11.24	164	150740	19.206	ug/l	99
65) Chlorobenzene	12.38	112	448784	21.959	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.50	131	157501	19.903	ug/l	98
67) Ethyl Benzene	12.51	91	630643	20.216	ug/l	98
68) m/p-Xylenes	12.65	106	540234	45.717	ug/l	98
69) o-Xylene	13.04	106	238118	20.765	ug/l	96
70) Styrene	13.06	104	422727	21.147	ug/l	99
71) Bromoform	13.22	173	96775	19.292	ug/l	99
73) Isopropylbenzene	13.39	105	659185	21.362	ug/l	100
74) N-amyl acetate	13.25	43	188778	21.961	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.69	83	141905	21.800	ug/l	99
76) 1,2,3-Trichloropropane	13.72	75	133215	20.800	ug/l	99
77) Bromobenzene	13.66	156	185875	20.319	ug/l	88
78) n-propylbenzene	13.76	91	733165	19.415	ug/l	94
79) 2-Chlorotoluene	13.83	91	455446	22.212	ug/l	98
80) 1,3,5-Trimethylbenzene	13.92	105	539851	22.548	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.46	75	40416	20.697	ug/l	97
82) 4-Chlorotoluene	13.93	91	507301	22.754	ug/l	92
83) tert-Butylbenzene	14.18	119	618146	20.659	ug/l	93
84) 1,2,4-Trimethylbenzene	14.23	105	509219	19.646	ug/l	96
85) sec-Butylbenzene	14.36	105	600289	18.885	ug/l	98
86) p-Isopropyltoluene	14.48	119	570438	21.223	ug/l	97
87) 1,3-Dichlorobenzene	14.45	146	334744	21.609	ug/l	96
88) 1,4-Dichlorobenzene	14.52	146	299228	19.807	ug/l	97
89) n-Butylbenzene	14.79	91	556465	22.556	ug/l	98
90) Hexachloroethane	15.00	117	158979	20.936	ug/l	80
91) 1,2-Dichlorobenzene	14.80	146	287733	22.644	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.37	75	16592	21.733	ug/l	76

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.93	180	140787	24.323	ug/l	96
94) Hexachlorobutadiene	16.03	225	105279	23.276	ug/l	99
95) Naphthalene	16.11	128	219664	24.897	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	66876	26.256	ug/l	92

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

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