

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062719\
 Data File : VD062930.D
 Acq On : 27 Jun 2019 14:38
 Operator : VA/AP
 Sample : VD0627SBS02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0627SBS02

Quant Time: Jun 28 02:20:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	899153	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.19	114	1239039	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	971542	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.50	152	549547	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	446439	45.68	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	91.36%	
35) Dibromofluoromethane	6.89	113	481890	46.12	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	92.24%	
50) Toluene-d8	10.39	98	1085163	47.72	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	95.44%	
62) 4-Bromofluorobenzene	13.54	95	446420	43.18	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	86.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.56	85	247226	21.248	ug/l	98
3) Chloromethane	1.73	50	168384	19.243	ug/l	97
4) Vinyl Chloride	1.83	62	184093	21.218	ug/l	95
5) Bromomethane	2.13	94	63343	15.590	ug/l	99
6) Chloroethane	2.24	64	77027	19.610	ug/l	98
7) Trichlorofluoromethane	2.50	101	319794	18.213	ug/l	99
8) Diethyl Ether	2.85	74	46406	20.801	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.12	101	180119	18.935	ug/l	91
10) Methyl Iodide	3.27	142	232229	18.505	ug/l	98
11) Tert butyl alcohol	4.06	59	46106	103.577	ug/l #	81
12) 1,1-Dichloroethene	3.09	96	138082	19.350	ug/l	90
13) Acrolein	3.01	56	25565	56.257	ug/l	86
14) Allyl chloride	3.59	41	226714	21.501	ug/l	89
15) Acrylonitrile	4.17	53	119065	113.834	ug/l	91
16) Acetone	3.20	43	185636	89.160	ug/l #	89
17) Carbon Disulfide	3.34	76	429921	18.851	ug/l	96
18) Methyl Acetate	3.62	43	82296	27.893	ug/l	97
19) Methyl tert-butyl Ether	4.21	73	323787	20.960	ug/l	98
20) Methylene Chloride	3.78	84	160125	21.482	ug/l	86
21) trans-1,2-Dichloroethene	4.18	96	161606	21.269	ug/l	95
22) Diisopropyl ether	5.08	45	451327	21.048	ug/l	98
23) Vinyl Acetate	5.02	43	1334337	99.444	ug/l	97
24) 1,1-Dichloroethane	4.94	63	290349	20.797	ug/l	99
25) 2-Butanone	6.04	43	186482	102.016	ug/l #	91
26) 2,2-Dichloropropane	5.99	77	316604	21.395	ug/l	100
27) cis-1,2-Dichloroethene	6.00	96	177424	22.081	ug/l	95
28) Bromochloromethane	6.40	49	100824	20.505	ug/l	94
29) Tetrahydrofuran	6.43	42	88148	101.919	ug/l	96
30) Chloroform	6.63	83	338780	19.953	ug/l	96
31) Cyclohexane	6.92	56	187334	20.411	ug/l	97
32) 1,1,1-Trichloroethane	6.84	97	366084	20.700	ug/l #	88
36) 1,1-Dichloropropene	7.11	75	245255	20.910	ug/l	98
37) Ethyl Acetate	6.16	43	101953	20.032	ug/l #	94
38) Carbon Tetrachloride	7.08	117	326440	18.505	ug/l	94

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.83	83	193775	18.768	ug/l	96
40) Benzene	7.43	78	467068	19.838	ug/l	100
41) Methacrylonitrile	6.43	41	116368	18.813	ug/l #	89
42) 1,2-Dichloroethane	7.55	62	241114	18.773	ug/l	99
43) Isopropyl Acetate	9.22	43	130851	21.279	ug/l #	94
44) Trichloroethene	8.52	130	182867	19.811	ug/l	89
45) 1,2-Dichloropropane	8.91	63	119000	20.327	ug/l	99
46) Dibromomethane	9.04	93	101136	20.110	ug/l	88
47) Bromodichloromethane	9.35	83	260920	19.977	ug/l	96
48) Methyl methacrylate	9.10	41	88054	20.150	ug/l	97
49) 1,4-Dioxane	9.07	88	16312	448.679	ug/l #	83
51) 4-Methyl-2-Pentanone	10.28	43	432455	99.192	ug/l	98
52) Toluene	10.49	92	303934	19.204	ug/l	99
53) t-1,3-Dichloropropene	10.89	75	204245	19.106	ug/l	94
54) cis-1,3-Dichloropropene	10.01	75	232980	20.051	ug/l	93
55) 1,1,2-Trichloroethane	11.17	97	113482	20.871	ug/l	89
56) Ethyl methacrylate	11.02	69	116626	20.070	ug/l	96
57) 1,3-Dichloropropane	11.38	76	161041	19.343	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.84	63	278796	93.455	ug/l	95
59) 2-Hexanone	11.51	43	324406	104.479	ug/l	97
60) Dibromochloromethane	11.67	129	196659	19.418	ug/l	100
61) 1,2-Dibromoethane	11.79	107	119907	18.672	ug/l	97
64) Tetrachloroethene	11.24	164	162375	20.307	ug/l	92
65) Chlorobenzene	12.39	112	368604	20.443	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.50	131	183134	21.718	ug/l	97
67) Ethyl Benzene	12.51	91	702061	21.687	ug/l	98
68) m/p-Xylenes	12.65	106	484841	43.002	ug/l	99
69) o-Xylene	13.04	106	221151	21.456	ug/l	97
70) Styrene	13.06	104	390463	21.568	ug/l	99
71) Bromoform	13.22	173	111021	19.217	ug/l	98
73) Isopropylbenzene	13.39	105	722869	20.515	ug/l	99
74) N-amyl acetate	13.25	43	170170	19.887	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.69	83	120938	21.065	ug/l	97
76) 1,2,3-Trichloropropane	13.72	75	127732	20.134	ug/l	98
77) Bromobenzene	13.66	156	197831	20.874	ug/l	95
78) n-propylbenzene	13.77	91	818128	19.949	ug/l	99
79) 2-Chlorotoluene	13.82	91	491944	20.990	ug/l	97
80) 1,3,5-Trimethylbenzene	13.92	105	647677	21.883	ug/l	95
81) trans-1,4-Dichloro-2-buten	13.46	75	34972	21.033	ug/l	94
82) 4-Chlorotoluene	13.93	91	608903	21.580	ug/l	95
83) tert-Butylbenzene	14.18	119	669561	20.296	ug/l	97
84) 1,2,4-Trimethylbenzene	14.23	105	602004	19.845	ug/l	97
85) sec-Butylbenzene	14.36	105	692236	19.306	ug/l	97
86) p-Isopropyltoluene	14.48	119	701147	21.375	ug/l	96
87) 1,3-Dichlorobenzene	14.44	146	330450	19.451	ug/l	95
88) 1,4-Dichlorobenzene	14.52	146	320731	18.796	ug/l	96
89) n-Butylbenzene	14.79	91	560590	18.259	ug/l	97
90) Hexachloroethane	15.00	117	171126	19.403	ug/l	87
91) 1,2-Dichlorobenzene	14.80	146	276570	19.027	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.37	75	22736	20.290	ug/l	77

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.93	180	222419	19.589	ug/l	97
94) Hexachlorobutadiene	16.03	225	157894	18.202	ug/l	95
95) Naphthalene	16.11	128	306936	19.287	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	186943	21.428	ug/l	97

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

