

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062619\
 Data File : VD062909.D
 Acq On : 26 Jun 2019 11:27
 Operator : VA/AP
 Sample : VD0626SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0626SBS01

Quant Time: Jun 27 09:00:59 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	7.04	168	966096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1398368	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1128619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	601039	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.45	65	545186	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
35) Dibromofluoromethane	6.92	113	575130	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
50) Toluene-d8	10.41	98	1290082	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	13.56	95	590433	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	273103	21.845	ug/l	96
3) Chloromethane	1.75	50	199968	21.269	ug/l	95
4) Vinyl Chloride	1.85	62	201428	21.608	ug/l	98
5) Bromomethane	2.15	94	68927	15.788	ug/l	87
6) Chloroethane	2.26	64	84610	20.048	ug/l	98
7) Trichlorofluoromethane	2.52	101	392770	20.819	ug/l	95
8) Diethyl Ether	2.87	74	57696	24.069	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.14	101	213687	20.907	ug/l	96
10) Methyl Iodide	3.30	142	260827	19.343	ug/l	100
11) Tert butyl alcohol	4.10	59	49190	102.848	ug/l	98
12) 1,1-Dichloroethene	3.12	96	162645	21.213	ug/l	98
13) Acrolein	3.04	56	40597	83.145	ug/l	90
14) Allyl chloride	3.61	41	244112	21.547	ug/l	98
15) Acrylonitrile	4.20	53	125842	111.976	ug/l	90
16) Acetone	3.23	43	212165	95.299	ug/l	99
17) Carbon Disulfide	3.37	76	496811	20.274	ug/l	100
18) Methyl Acetate	3.64	43	88505	27.919	ug/l	99
19) Methyl tert-butyl Ether	4.24	73	359470	21.657	ug/l	99
20) Methylene Chloride	3.81	84	186221	23.252	ug/l	98
21) trans-1,2-Dichloroethene	4.21	96	177775	21.776	ug/l	91
22) Diisopropyl ether	5.12	45	488539	21.204	ug/l	95
23) Vinyl Acetate	5.06	43	1485333	103.027	ug/l	98
24) 1,1-Dichloroethane	4.97	63	312056	20.803	ug/l	98
25) 2-Butanone	6.08	43	216383	110.171	ug/l	96
26) 2,2-Dichloropropane	6.02	77	337092	21.201	ug/l	96
27) cis-1,2-Dichloroethene	6.04	96	182979	21.195	ug/l	95
28) Bromochloromethane	6.44	49	120066	22.726	ug/l	99
29) Tetrahydrofuran	6.46	42	103803	111.703	ug/l	96
30) Chloroform	6.67	83	387357	21.233	ug/l	98
31) Cyclohexane	6.95	56	202321	20.516	ug/l	93
32) 1,1,1-Trichloroethane	6.87	97	386111	20.320	ug/l	93
36) 1,1-Dichloropropene	7.14	75	257884	19.481	ug/l	99
37) Ethyl Acetate	6.18	43	103222	17.855	ug/l #	92
38) Carbon Tetrachloride	7.11	117	396265	19.904	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	217342	18.652	ug/l	97
40) Benzene	7.45	78	530171	19.952	ug/l	100
41) Methacrylonitrile	6.45	41	137679	19.722	ug/l #	89
42) 1,2-Dichloroethane	7.58	62	280007	19.317	ug/l	97
43) Isopropyl Acetate	9.24	43	142380	20.516	ug/l #	89
44) Trichloroethene	8.54	130	203150	19.501	ug/l	94
45) 1,2-Dichloropropane	8.94	63	132403	20.039	ug/l	99
46) Dibromomethane	9.06	93	109454	19.285	ug/l	88
47) Bromodichloromethane	9.37	83	292764	19.861	ug/l	99
48) Methyl methacrylate	9.13	41	99439	20.163	ug/l	93
49) 1,4-Dioxane	9.09	88	14749	359.463	ug/l #	78
51) 4-Methyl-2-Pentanone	10.30	43	502361	102.097	ug/l	98
52) Toluene	10.51	92	342628	19.182	ug/l	97
53) t-1,3-Dichloropropene	10.91	75	234420	19.430	ug/l	99
54) cis-1,3-Dichloropropene	10.03	75	253920	19.363	ug/l	96
55) 1,1,2-Trichloroethane	11.19	97	120831	19.690	ug/l	95
56) Ethyl methacrylate	11.05	69	136818	20.862	ug/l	97
57) 1,3-Dichloropropane	11.41	76	175332	18.660	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.86	63	326386	96.942	ug/l	93
59) 2-Hexanone	11.53	43	360334	102.827	ug/l	100
60) Dibromochloromethane	11.69	129	218864	19.148	ug/l	98
61) 1,2-Dibromoethane	11.80	107	141545	19.530	ug/l	98
64) Tetrachloroethene	11.25	164	189515	20.402	ug/l	95
65) Chlorobenzene	12.40	112	427109	20.391	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.51	131	197892	20.202	ug/l	94
67) Ethyl Benzene	12.52	91	786330	20.910	ug/l	97
68) m/p-Xylenes	12.67	106	552021	42.146	ug/l	98
69) o-Xylene	13.05	106	274308	22.910	ug/l	97
70) Styrene	13.07	104	475820	22.625	ug/l	96
71) Bromoform	13.23	173	135226	20.149	ug/l	90
73) Isopropylbenzene	13.40	105	745053	19.333	ug/l	98
74) N-amyl acetate	13.26	43	207158	22.135	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.69	83	130804	20.832	ug/l	95
76) 1,2,3-Trichloropropane	13.73	75	142185	20.492	ug/l	96
77) Bromobenzene	13.67	156	209702	20.231	ug/l	89
78) n-propylbenzene	13.77	91	892525	19.898	ug/l	98
79) 2-Chlorotoluene	13.84	91	564834	22.035	ug/l	94
80) 1,3,5-Trimethylbenzene	13.93	105	723962	22.365	ug/l	93
81) trans-1,4-Dichloro-2-buten	13.47	75	39325	21.625	ug/l	89
82) 4-Chlorotoluene	13.94	91	685057	22.199	ug/l	93
83) tert-Butylbenzene	14.19	119	770674	21.359	ug/l	97
84) 1,2,4-Trimethylbenzene	14.24	105	654237	19.719	ug/l	97
85) sec-Butylbenzene	14.36	105	775160	19.767	ug/l	94
86) p-Isopropyltoluene	14.49	119	729706	20.340	ug/l	96
87) 1,3-Dichlorobenzene	14.45	146	411350	22.138	ug/l	96
88) 1,4-Dichlorobenzene	14.53	146	387081	20.741	ug/l	96
89) n-Butylbenzene	14.80	91	652754	19.440	ug/l	98
90) Hexachloroethane	15.00	117	180608	18.724	ug/l	81
91) 1,2-Dichlorobenzene	14.81	146	325499	20.475	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	24598	20.071	ug/l	76

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	257662	20.748	ug/l	95
94) Hexachlorobutadiene	16.04	225	187587	19.773	ug/l	95
95) Naphthalene	16.13	128	356610	20.488	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	202968	21.272	ug/l	94

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

