

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
 Data File : VD062808.D
 Acq On : 21 Jun 2019 11:31
 Operator : VA/AP
 Sample : VD0621SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0621SBS01

Quant Time: Jun 22 04:11:51 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	7.06	168	826177	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	1132055	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.39	117	950006	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	539040	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.47	65	510604	56.86	ug/l	0.01
Spiked Amount	50.000		Recovery	=	113.72%	
35) Dibromofluoromethane	6.94	113	519474	54.42	ug/l	0.01
Spiked Amount	50.000		Recovery	=	108.84%	
50) Toluene-d8	10.44	98	1144561	55.09	ug/l	0.02
Spiked Amount	50.000		Recovery	=	110.18%	
62) 4-Bromofluorobenzene	13.57	95	524206	55.49	ug/l	0.01
Spiked Amount	50.000		Recovery	=	110.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	250098	23.393	ug/l	100
3) Chloromethane	1.75	50	175903	21.878	ug/l	98
4) Vinyl Chloride	1.85	62	160857	20.178	ug/l	99
5) Bromomethane	2.15	94	70515	18.888	ug/l	93
6) Chloroethane	2.27	64	79177	21.938	ug/l	98
7) Trichlorofluoromethane	2.53	101	336415	20.852	ug/l	99
8) Diethyl Ether	2.88	74	43451	21.197	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.15	101	185176	21.186	ug/l	97
10) Methyl Iodide	3.31	142	189338	16.420	ug/l	94
11) Tert butyl alcohol	4.11	59	30514	74.605	ug/l #	93
12) 1,1-Dichloroethene	3.13	96	137976	21.043	ug/l	89
13) Acrolein	3.04	56	35755	85.630	ug/l #	69
14) Allyl chloride	3.63	41	192480	19.867	ug/l	96
15) Acrylonitrile	4.22	53	93013	96.781	ug/l	89
16) Acetone	3.23	43	150770	77.975	ug/l	99
17) Carbon Disulfide	3.38	76	388638	18.546	ug/l	96
18) Methyl Acetate	3.65	43	60630	22.365	ug/l	93
19) Methyl tert-butyl Ether	4.26	73	274761	19.357	ug/l	99
20) Methylene Chloride	3.82	84	124076	18.116	ug/l	92
21) trans-1,2-Dichloroethene	4.24	96	131001	18.764	ug/l	93
22) Diisopropyl ether	5.15	45	398852	20.243	ug/l	94
23) Vinyl Acetate	5.07	43	1215565	98.595	ug/l	99
24) 1,1-Dichloroethane	4.99	63	256767	20.016	ug/l	98
25) 2-Butanone	6.10	43	162227	96.586	ug/l #	93
26) 2,2-Dichloropropane	6.04	77	276739	20.353	ug/l	94
27) cis-1,2-Dichloroethene	6.06	96	149362	20.231	ug/l	89
28) Bromochloromethane	6.45	49	98443	21.789	ug/l	89
29) Tetrahydrofuran	6.48	42	77250	97.208	ug/l	99
30) Chloroform	6.69	83	321510	20.608	ug/l	99
31) Cyclohexane	6.98	56	158500	18.795	ug/l	99
32) 1,1,1-Trichloroethane	6.88	97	345263	21.248	ug/l	96
36) 1,1-Dichloropropene	7.16	75	206876	19.304	ug/l #	94
37) Ethyl Acetate	6.19	43	84573	18.084	ug/l	97
38) Carbon Tetrachloride	7.13	117	324613	20.141	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	185525	19.668	ug/l	99
40) Benzene	7.47	78	410257	19.072	ug/l	96
41) Methacrylonitrile	6.47	41	102757	18.182	ug/l #	89
42) 1,2-Dichloroethane	7.60	62	240355	20.482	ug/l	97
43) Isopropyl Acetate	9.26	43	112657	20.052	ug/l #	96
44) Trichloroethene	8.56	130	172155	20.414	ug/l	97
45) 1,2-Dichloropropane	8.96	63	97523	18.232	ug/l	100
46) Dibromomethane	9.08	93	92809	20.199	ug/l	93
47) Bromodichloromethane	9.39	83	232662	19.497	ug/l	94
48) Methyl methacrylate	9.15	41	78485	19.658	ug/l	94
49) 1,4-Dioxane	9.12	88	13184	396.911	ug/l #	87
51) 4-Methyl-2-Pentanone	10.33	43	382709	96.077	ug/l	95
52) Toluene	10.54	92	280554	19.402	ug/l	95
53) t-1,3-Dichloropropene	10.93	75	203182	20.803	ug/l	99
54) cis-1,3-Dichloropropene	10.06	75	192276	18.112	ug/l	86
55) 1,1,2-Trichloroethane	11.22	97	95182	19.159	ug/l	98
56) Ethyl methacrylate	11.07	69	94956	17.885	ug/l #	86
57) 1,3-Dichloropropane	11.43	76	151521	19.920	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.88	63	252713	92.718	ug/l	100
59) 2-Hexanone	11.55	43	270059	95.195	ug/l	97
60) Dibromochloromethane	11.71	129	182572	19.730	ug/l	95
61) 1,2-Dibromoethane	11.83	107	115441	19.675	ug/l	94
64) Tetrachloroethene	11.28	164	156716	20.044	ug/l	94
65) Chlorobenzene	12.42	112	347957	19.735	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.53	131	167199	20.278	ug/l	97
67) Ethyl Benzene	12.54	91	648038	20.472	ug/l	99
68) m/p-Xylenes	12.68	106	443292	40.208	ug/l	85
69) o-Xylene	13.07	106	206178	20.457	ug/l	96
70) Styrene	13.09	104	356088	20.115	ug/l	93
71) Bromoform	13.25	173	111700	19.773	ug/l	98
73) Isopropylbenzene	13.42	105	620003	17.939	ug/l	99
74) N-amyl acetate	13.28	43	169139	20.152	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.72	83	108079	19.192	ug/l	94
76) 1,2,3-Trichloropropane	13.74	75	121055	19.453	ug/l	98
77) Bromobenzene	13.69	156	185065	19.908	ug/l	91
78) n-propylbenzene	13.78	91	763759	18.986	ug/l	94
79) 2-Chlorotoluene	13.85	91	469660	20.430	ug/l	98
80) 1,3,5-Trimethylbenzene	13.95	105	592335	20.404	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.49	75	28840	17.683	ug/l	95
82) 4-Chlorotoluene	13.96	91	539139	19.480	ug/l	96
83) tert-Butylbenzene	14.21	119	617025	19.068	ug/l	99
84) 1,2,4-Trimethylbenzene	14.25	105	500681	16.827	ug/l	91
85) sec-Butylbenzene	14.38	105	701229	19.938	ug/l	98
86) p-Isopropyltoluene	14.50	119	642844	19.979	ug/l	98
87) 1,3-Dichlorobenzene	14.47	146	338921	20.338	ug/l	97
88) 1,4-Dichlorobenzene	14.55	146	315085	18.825	ug/l	98
89) n-Butylbenzene	14.81	91	588291	19.535	ug/l	98
90) Hexachloroethane	15.02	117	165132	19.088	ug/l	98
91) 1,2-Dichlorobenzene	14.82	146	277811	19.485	ug/l	89
92) 1,2-Dibromo-3-Chloropropan	15.39	75	20128	18.313	ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.96	180	218931	19.657	ug/l	95
94) Hexachlorobutadiene	16.05	225	157835	18.550	ug/l	94
95) Naphthalene	16.14	128	280089	17.943	ug/l	100
96) 1,2,3-Trichlorobenzene	16.28	180	178187	20.823	ug/l	95

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

