

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061019\
 Data File : VD062649.D
 Acq On : 10 Jun 2019 13:17
 Operator : VA/AP
 Sample : VD0610SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0610SBS01

Quant Time: Jun 11 03:55:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	696175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	925120	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	820144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	450903	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.44	65	553827	55.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.26%	
35) Dibromofluoromethane	6.91	113	524522	53.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.52%	
50) Toluene-d8	10.40	98	1206447	58.78	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	117.56%	
62) 4-Bromofluorobenzene	13.55	95	487583	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	202987	23.725	ug/l	89
3) Chloromethane	1.74	50	153088	22.224	ug/l	94
4) Vinyl Chloride	1.84	62	149792	21.088	ug/l	97
5) Bromomethane	2.15	94	68861	19.206	ug/l	94
6) Chloroethane	2.26	64	67331	19.199	ug/l	91
7) Trichlorofluoromethane	2.52	101	328181	20.642	ug/l	100
8) Diethyl Ether	2.87	74	46770	21.629	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.14	101	186229	21.720	ug/l	94
10) Methyl Iodide	3.30	142	223139	20.499	ug/l	95
11) Tert butyl alcohol	4.09	59	35835	86.782	ug/l	96
12) 1,1-Dichloroethene	3.12	96	135479	22.017	ug/l	94
13) Acrolein	3.02	56	19243	144.872	ug/l #	77
14) Allyl chloride	3.60	41	198682	21.000	ug/l	87
15) Acrylonitrile	4.19	53	110158	117.396	ug/l	95
16) Acetone	3.22	43	188539	102.493	ug/l #	93
17) Carbon Disulfide	3.37	76	369839	20.396	ug/l	98
18) Methyl Acetate	3.64	43	63049	20.856	ug/l #	86
19) Methyl tert-butyl Ether	4.23	73	330913	22.050	ug/l	98
20) Methylene Chloride	3.81	84	153026	21.768	ug/l #	90
21) trans-1,2-Dichloroethene	4.21	96	141421	20.953	ug/l	96
22) Diisopropyl ether	5.11	45	425914	21.680	ug/l	98
23) Vinyl Acetate	5.05	43	1283464	105.310	ug/l	96
24) 1,1-Dichloroethane	4.97	63	263804	20.874	ug/l	98
25) 2-Butanone	6.07	43	184834	102.993	ug/l	98
26) 2,2-Dichloropropane	6.02	77	316399	21.722	ug/l	99
27) cis-1,2-Dichloroethene	6.03	96	157806	21.567	ug/l	96
28) Bromochloromethane	6.43	49	93750	19.406	ug/l	95
29) Tetrahydrofuran	6.45	42	85696	106.037	ug/l	96
30) Chloroform	6.66	83	355376	21.917	ug/l	87
31) Cyclohexane	6.95	56	158031	19.934	ug/l	92
32) 1,1,1-Trichloroethane	6.86	97	339718	21.055	ug/l	98
36) 1,1-Dichloropropene	7.14	75	214319	20.242	ug/l	96
37) Ethyl Acetate	6.17	43	90028	20.664	ug/l #	91
38) Carbon Tetrachloride	7.10	117	372892	22.282	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	178384	20.849	ug/l	92
40) Benzene	7.44	78	425198	20.564	ug/l	97
41) Methacrylonitrile	6.45	41	116106	20.948	ug/l #	90
42) 1,2-Dichloroethane	7.57	62	262072	21.264	ug/l	95
43) Isopropyl Acetate	9.24	43	120774	21.618	ug/l #	97
44) Trichloroethene	8.54	130	174766	20.819	ug/l	98
45) 1,2-Dichloropropane	8.93	63	109355	22.018	ug/l	99
46) Dibromomethane	9.06	93	99913	22.663	ug/l	93
47) Bromodichloromethane	9.37	83	267840	22.334	ug/l	92
48) Methyl methacrylate	9.12	41	83869	20.780	ug/l	94
49) 1,4-Dioxane	9.08	88	12655	381.326	ug/l #	82
51) 4-Methyl-2-Pentanone	10.29	43	418629	107.091	ug/l	90
52) Toluene	10.50	92	274365	19.740	ug/l	91
53) t-1,3-Dichloropropene	10.91	75	216633	22.032	ug/l	98
54) cis-1,3-Dichloropropene	10.03	75	233161	22.943	ug/l	98
55) 1,1,2-Trichloroethane	11.19	97	99106	20.792	ug/l	99
56) Ethyl methacrylate	11.04	69	110010	21.585	ug/l	92
57) 1,3-Dichloropropane	11.40	76	159245	21.555	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.85	63	295779	116.101	ug/l	99
59) 2-Hexanone	11.53	43	305046	104.905	ug/l	99
60) Dibromochloromethane	11.68	129	210516	22.373	ug/l	96
61) 1,2-Dibromoethane	11.80	107	123233	21.602	ug/l	96
64) Tetrachloroethene	11.24	164	157693	20.540	ug/l	93
65) Chlorobenzene	12.40	112	367804	20.275	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.50	131	189093	21.855	ug/l	100
67) Ethyl Benzene	12.51	91	708429	22.025	ug/l	98
68) m/p-Xylenes	12.66	106	451232	39.905	ug/l	98
69) o-Xylene	13.05	106	196042	18.877	ug/l	100
70) Styrene	13.07	104	354370	19.124	ug/l	98
71) Bromoform	13.23	173	120284	19.927	ug/l #	95
73) Isopropylbenzene	13.40	105	672769	21.168	ug/l	99
74) N-amyl acetate	13.26	43	174091	20.268	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	112021	20.599	ug/l	96
76) 1,2,3-Trichloropropane	13.72	75	125656	20.553	ug/l	96
77) Bromobenzene	13.67	156	187606	20.653	ug/l	95
78) n-propylbenzene	13.76	91	760437	19.547	ug/l	96
79) 2-Chlorotoluene	13.83	91	464571	20.395	ug/l	98
80) 1,3,5-Trimethylbenzene	13.93	105	592262	21.086	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.47	75	32526	20.437	ug/l	90
82) 4-Chlorotoluene	13.94	91	566196	20.785	ug/l	97
83) tert-Butylbenzene	14.19	119	627690	20.261	ug/l	96
84) 1,2,4-Trimethylbenzene	14.24	105	598055	21.504	ug/l	99
85) sec-Butylbenzene	14.36	105	675608	20.797	ug/l	99
86) p-Isopropyltoluene	14.48	119	644746	20.384	ug/l	97
87) 1,3-Dichlorobenzene	14.45	146	329354	20.014	ug/l	97
88) 1,4-Dichlorobenzene	14.53	146	344622	22.159	ug/l	98
89) n-Butylbenzene	14.80	91	614297	21.589	ug/l	96
90) Hexachloroethane	15.00	117	168841	20.220	ug/l	93
91) 1,2-Dichlorobenzene	14.81	146	305550	22.337	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.38	75	22224	19.132	ug/l #	52

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	215204	20.790	ug/l	94
94) Hexachlorobutadiene	16.03	225	163512	20.246	ug/l	95
95) Naphthalene	16.12	128	301424	20.602	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	160006	20.308	ug/l	93

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

