

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051019\
 Data File : VD062224.D
 Acq On : 10 May 2019 20:01
 Operator : FY/SY
 Sample : VD0510SBS02
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0510SBS02

Quant Time: May 10 23:38:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	593935	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	834903	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	676278	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	369475	50.00	ug/l	0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.45	65	359080	65.06	ug/l	0.03
Spiked Amount	50.000		Recovery	=	130.12%	
35) Dibromofluoromethane	6.92	113	404525	58.40	ug/l	0.03
Spiked Amount	50.000		Recovery	=	116.80%	
50) Toluene-d8	10.41	98	947906	56.75	ug/l	0.02
Spiked Amount	50.000		Recovery	=	113.50%	
62) 4-Bromofluorobenzene	13.56	95	378915	56.50	ug/l	0.02
Spiked Amount	50.000		Recovery	=	113.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	117344	20.657	ug/l	97
3) Chloromethane	1.74	50	76525	18.644	ug/l	95
4) Vinyl Chloride	1.84	62	75995	18.839	ug/l	100
5) Bromomethane	2.14	94	26818	28.373	ug/l	95
6) Chloroethane	2.24	64	33547	19.819	ug/l	97
7) Trichlorofluoromethane	2.52	101	169220	21.577	ug/l	96
8) Diethyl Ether	2.86	74	23374	15.454	ug/l	60
9) 1,1,2-Trichlorotrifluoroet	3.13	101	117204	19.756	ug/l	93
10) Methyl Iodide	3.30	142	137373	15.321	ug/l #	82
11) Tert butyl alcohol	4.07	59	27849	98.846	ug/l	96
12) 1,1-Dichloroethene	3.11	96	87832	19.395	ug/l	93
13) Acrolein	3.02	56	25218	86.539	ug/l #	81
14) Allyl chloride	3.60	41	129428	19.656	ug/l #	77
15) Acrylonitrile	4.19	53	67389	90.999	ug/l	85
16) Acetone	3.22	43	119971	103.647	ug/l #	86
17) Carbon Disulfide	3.37	76	216409	16.612	ug/l #	95
18) Methyl Acetate	3.63	43	39588	18.934	ug/l	91
19) Methyl tert-butyl Ether	4.23	73	197654	20.362	ug/l	93
20) Methylene Chloride	3.80	84	110530	22.870	ug/l	99
21) trans-1,2-Dichloroethene	4.20	96	90780	18.014	ug/l	95
22) Diisopropyl ether	5.11	45	290849	20.757	ug/l	96
23) Vinyl Acetate	5.05	43	816664	110.466	ug/l	97
24) 1,1-Dichloroethane	4.97	63	181029	21.416	ug/l	98
25) 2-Butanone	6.07	43	131843	104.426	ug/l	97
26) 2,2-Dichloropropane	6.01	77	175863	20.886	ug/l	90
27) cis-1,2-Dichloroethene	6.03	96	112805	19.998	ug/l	97
28) Bromochloromethane	6.43	49	77868	23.414	ug/l	88
29) Tetrahydrofuran	6.46	42	59235	101.825	ug/l	92
30) Chloroform	6.65	83	214292	21.035	ug/l	94
31) Cyclohexane	6.95	56	95205	16.440	ug/l	93
32) 1,1,1-Trichloroethane	6.87	97	206908	21.488	ug/l	98
36) 1,1-Dichloropropene	7.15	75	137827	20.134	ug/l	97
37) Ethyl Acetate	6.18	43	64190	22.111	ug/l #	93
38) Carbon Tetrachloride	7.11	117	204080	21.540	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	116520	17.766	ug/l	93
40) Benzene	7.45	78	302884	19.594	ug/l	98
41) Methacrylonitrile	6.45	41	75093	21.167	ug/l #	87
42) 1,2-Dichloroethane	7.57	62	149647	22.850	ug/l	93
43) Isopropyl Acetate	9.24	43	73449	17.840	ug/l	90
44) Trichloroethene	8.53	130	116675	19.808	ug/l	84
45) 1,2-Dichloropropane	8.94	63	73650	19.263	ug/l	94
46) Dibromomethane	9.05	93	63468	20.413	ug/l	99
47) Bromodichloromethane	9.38	83	166575	21.903	ug/l	96
48) Methyl methacrylate	9.12	41	50830	20.043	ug/l	91
49) 1,4-Dioxane	9.07	88	11115	406.216	ug/l	95
51) 4-Methyl-2-Pentanone	10.30	43	271911	102.742	ug/l	93
52) Toluene	10.51	92	208545	20.735	ug/l	99
53) t-1,3-Dichloropropene	10.91	75	139100	21.162	ug/l	98
54) cis-1,3-Dichloropropene	10.04	75	140128	19.542	ug/l	91
55) 1,1,2-Trichloroethane	11.19	97	74096	20.822	ug/l	93
56) Ethyl methacrylate	11.04	69	71121	19.233	ug/l #	77
57) 1,3-Dichloropropane	11.41	76	107182	19.937	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.85	63	201806	99.909	ug/l	100
59) 2-Hexanone	11.53	43	214767	110.103	ug/l	93
60) Dibromochloromethane	11.68	129	123023	20.004	ug/l	96
61) 1,2-Dibromoethane	11.81	107	89289	20.638	ug/l	93
64) Tetrachloroethene	11.26	164	114371	21.627	ug/l	96
65) Chlorobenzene	12.40	112	270782	21.498	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.52	131	120049	21.899	ug/l	92
67) Ethyl Benzene	12.53	91	459534	21.792	ug/l	97
68) m/p-Xylenes	12.67	106	320699	41.801	ug/l	88
69) o-Xylene	13.05	106	145750	20.434	ug/l	91
70) Styrene	13.07	104	242929	20.105	ug/l	93
71) Bromoform	13.24	173	83396	21.866	ug/l	96
73) Isopropylbenzene	13.40	105	463543	20.930	ug/l	95
74) N-amyl acetate	13.27	43	123055	21.192	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.70	83	86204	20.560	ug/l	97
76) 1,2,3-Trichloropropane	13.74	75	94464	21.513	ug/l	99
77) Bromobenzene	13.67	156	122482	19.756	ug/l	90
78) n-propylbenzene	13.78	91	540350	20.453	ug/l	97
79) 2-Chlorotoluene	13.85	91	307164	20.300	ug/l	98
80) 1,3,5-Trimethylbenzene	13.94	105	386984	20.750	ug/l	90
81) trans-1,4-Dichloro-2-buten	13.47	75	22765	18.365	ug/l #	77
82) 4-Chlorotoluene	13.95	91	392712	22.056	ug/l	83
83) tert-Butylbenzene	14.19	119	448009	21.372	ug/l	93
84) 1,2,4-Trimethylbenzene	14.24	105	376100	20.096	ug/l	91
85) sec-Butylbenzene	14.37	105	476631	20.738	ug/l	98
86) p-Isopropyltoluene	14.50	119	424030	20.650	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	214882	18.973	ug/l	100
88) 1,4-Dichlorobenzene	14.54	146	218108	19.599	ug/l	97
89) n-Butylbenzene	14.80	91	391229	21.227	ug/l	94
90) Hexachloroethane	15.01	117	109010	19.521	ug/l	90
91) 1,2-Dichlorobenzene	14.81	146	199995	21.442	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	16509	23.987	ug/l	73

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	164483	24.228	µg/l	96
94) Hexachlorobutadiene	16.04	225	109083	21.603	µg/l	100
95) Naphthalene	16.13	128	223627	23.593	µg/l	98
96) 1,2,3-Trichlorobenzene	16.28	180	115987	27.172	µg/l	94

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

