

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
 Data File : VD063435.D
 Acq On : 8 Aug 2019 13:48
 Operator : JC/SY
 Sample : VD0808SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0808SBS01

Quant Time: Aug 09 06:57:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	1060062	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1527143	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	1191202	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	679774	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	598028	50.84	ug/l	0.03
Spiked Amount						
			Recovery	=	101.68%	
35) Dibromofluoromethane	6.94	113	659275	50.56	ug/l	0.03
Spiked Amount						
			Recovery	=	101.12%	
50) Toluene-d8	10.42	98	1501099	51.44	ug/l	0.02
Spiked Amount						
			Recovery	=	102.88%	
62) 4-Bromofluorobenzene	13.56	95	691261	51.99	ug/l	0.00
Spiked Amount						
			Recovery	=	103.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	265493	20.489	ug/l	98
3) Chloromethane	1.75	50	209190	20.779	ug/l	98
4) Vinyl Chloride	1.85	62	207888	19.947	ug/l	99
5) Bromomethane	2.15	94	80471	15.309	ug/l	92
6) Chloroethane	2.26	64	87150	18.112	ug/l	99
7) Trichlorofluoromethane	2.53	101	418215	20.684	ug/l	100
8) Diethyl Ether	2.88	74	49204	17.388	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.16	101	247408	22.090	ug/l	98
10) Methyl Iodide	3.31	142	292156	18.057	ug/l	90
11) Tert butyl alcohol	4.10	59	54384	105.356	ug/l #	89
12) 1,1-Dichloroethene	3.13	96	177999	21.649	ug/l	83
13) Acrolein	3.05	56	32358	65.135	ug/l	96
14) Allyl chloride	3.63	41	264843	20.220	ug/l	98
15) Acrylonitrile	4.21	53	137749	102.931	ug/l	99
16) Acetone	3.24	43	244407	106.645	ug/l	93
17) Carbon Disulfide	3.37	76	543641	19.754	ug/l	99
18) Methyl Acetate	3.65	43	89176	20.258	ug/l	95
19) Methyl tert-butyl Ether	4.25	73	364762	19.639	ug/l	98
20) Methylene Chloride	3.82	84	200196	21.611	ug/l	99
21) trans-1,2-Dichloroethene	4.23	96	191415	20.748	ug/l	93
22) Diisopropyl ether	5.14	45	541407	20.689	ug/l	97
23) Vinyl Acetate	5.08	43	1611747	100.195	ug/l	100
24) 1,1-Dichloroethane	5.00	63	351625	21.036	ug/l	97
25) 2-Butanone	6.09	43	225155	97.894	ug/l	93
26) 2,2-Dichloropropane	6.03	77	361854	21.006	ug/l	100
27) cis-1,2-Dichloroethene	6.05	96	213003	21.534	ug/l	85
28) Bromochloromethane	6.46	49	129045	19.376	ug/l #	85
29) Tetrahydrofuran	6.48	42	109242	100.321	ug/l	98
30) Chloroform	6.68	83	415711	20.040	ug/l	98
31) Cyclohexane	6.97	56	206286	19.689	ug/l	93
32) 1,1,1-Trichloroethane	6.88	97	407002	20.284	ug/l	97
36) 1,1-Dichloropropene	7.15	75	281649	20.209	ug/l	99
37) Ethyl Acetate	6.20	43	118069	18.857	ug/l #	94
38) Carbon Tetrachloride	7.12	117	408174	19.454	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	227222	19.568	ug/l	91
40) Benzene	7.47	78	586420	20.076	ug/l	98
41) Methacrylonitrile	6.47	41	148781	19.864	ug/l #	89
42) 1,2-Dichloroethane	7.60	62	312223	20.169	ug/l	98
43) Isopropyl Acetate	9.25	43	143229	17.908	ug/l #	98
44) Trichloroethene	8.55	130	235131	19.866	ug/l	98
45) 1,2-Dichloropropane	8.96	63	144367	19.445	ug/l	94
46) Dibromomethane	9.07	93	111515	18.064	ug/l	96
47) Bromodichloromethane	9.39	83	314464	19.984	ug/l #	92
48) Methyl methacrylate	9.13	41	96784	18.658	ug/l	92
49) 1,4-Dioxane	9.10	88	16425	371.193	ug/l #	74
51) 4-Methyl-2-Pentanone	10.31	43	522575	96.071	ug/l	95
52) Toluene	10.52	92	387715	19.957	ug/l	97
53) t-1,3-Dichloropropene	10.92	75	258029	19.019	ug/l	99
54) cis-1,3-Dichloropropene	10.05	75	291295	20.430	ug/l	98
55) 1,1,2-Trichloroethane	11.20	97	128797	19.630	ug/l	94
56) Ethyl methacrylate	11.05	69	128678	17.910	ug/l	96
57) 1,3-Dichloropropane	11.42	76	204310	19.763	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.87	63	382946	102.432	ug/l	100
59) 2-Hexanone	11.54	43	383292	97.781	ug/l	99
60) Dibromochloromethane	11.70	129	241585	19.504	ug/l	96
61) 1,2-Dibromoethane	11.82	107	154945	19.138	ug/l	99
64) Tetrachloroethene	11.27	164	204679	21.568	ug/l	98
65) Chlorobenzene	12.41	112	513922	22.430	ug/l	96
66) 1,1,1,2-Tetrachloroethane	12.52	131	219607	21.759	ug/l	97
67) Ethyl Benzene	12.53	91	854686	21.959	ug/l	99
68) m/p-Xylenes	12.68	106	611597	42.847	ug/l	92
69) o-Xylene	13.06	106	276706	21.110	ug/l	93
70) Styrene	13.08	104	479317	20.619	ug/l	98
71) Bromoform	13.24	173	152125	20.727	ug/l #	90
73) Isopropylbenzene	13.42	105	867012	20.322	ug/l	99
74) N-amyl acetate	13.28	43	216497	19.195	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.71	83	147064	20.292	ug/l	94
76) 1,2,3-Trichloropropane	13.74	75	170106	20.834	ug/l	98
77) Bromobenzene	13.68	156	229352	18.871	ug/l	83
78) n-propylbenzene	13.78	91	1081833	21.308	ug/l	98
79) 2-Chlorotoluene	13.85	91	531987	18.083	ug/l	99
80) 1,3,5-Trimethylbenzene	13.94	105	726081	19.732	ug/l	94
81) trans-1,4-Dichloro-2-buten	13.48	75	37827	16.684	ug/l	97
82) 4-Chlorotoluene	13.96	91	677650	19.573	ug/l	98
83) tert-Butylbenzene	14.19	119	789776	18.797	ug/l	97
84) 1,2,4-Trimethylbenzene	14.24	105	709580	18.643	ug/l	97
85) sec-Butylbenzene	14.37	105	869665	19.646	ug/l	99
86) p-Isopropyltoluene	14.50	119	858405	20.317	ug/l	98
87) 1,3-Dichlorobenzene	14.46	146	415325	19.296	ug/l	98
88) 1,4-Dichlorobenzene	14.55	146	398524	18.310	ug/l	98
89) n-Butylbenzene	14.80	91	759242	20.806	ug/l	98
90) Hexachloroethane	15.02	117	214514	19.487	ug/l	81
91) 1,2-Dichlorobenzene	14.81	146	360743	19.236	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	22909	15.519	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.96	180	287859	19.349	ug/l	100
94) Hexachlorobutadiene	16.04	225	198033	18.369	ug/l	94
95) Naphthalene	16.13	128	408024	19.405	ug/l	98
96) 1,2,3-Trichlorobenzene	16.28	180	230383	19.603	ug/l	93

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

