

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
 Data File : VD063433.D
 Acq On : 8 Aug 2019 12:54
 Operator : JC/SY
 Sample : VD0808SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0808SBS01

Quant Time: Aug 09 06:56:27 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	7.05	168	954150	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	1298720	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	1092863	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	601475	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	570644	53.90	ug/l	0.03
Spiked Amount			Recovery	=	107.80%	
35) Dibromofluoromethane	6.93	113	654499	59.03	ug/l	0.03
Spiked Amount			Recovery	=	118.06%	
50) Toluene-d8	10.42	98	1381295	55.66	ug/l	0.02
Spiked Amount			Recovery	=	111.32%	
62) 4-Bromofluorobenzene	13.56	95	582300	51.49	ug/l	0.00
Spiked Amount			Recovery	=	102.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	262723	22.526	ug/l	99
3) Chloromethane	1.76	50	227100	25.062	ug/l #	88
4) Vinyl Chloride	1.84	62	206846	22.050	ug/l	96
5) Bromomethane	2.15	94	90520	19.133	ug/l	97
6) Chloroethane	2.26	64	100855	23.286	ug/l	94
7) Trichlorofluoromethane	2.53	101	423031	23.245	ug/l	98
8) Diethyl Ether	2.88	74	56317	22.111	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.15	101	240528	23.860	ug/l	95
10) Methyl Iodide	3.31	142	306240	21.028	ug/l	96
11) Tert butyl alcohol	4.10	59	54358	116.995	ug/l	99
12) 1,1-Dichloroethene	3.12	96	172235	23.273	ug/l	93
13) Acrolein	3.03	56	28008	62.637	ug/l	84
14) Allyl chloride	3.63	41	268445	22.770	ug/l	98
15) Acrylonitrile	4.21	53	152654	126.730	ug/l	95
16) Acetone	3.23	43	243880	118.228	ug/l	96
17) Carbon Disulfide	3.38	76	537092	21.682	ug/l	99
18) Methyl Acetate	3.66	43	96565	24.371	ug/l	94
19) Methyl tert-butyl Ether	4.26	73	397328	23.768	ug/l	100
20) Methylene Chloride	3.82	84	194991	23.386	ug/l	95
21) trans-1,2-Dichloroethene	4.23	96	198068	23.852	ug/l	93
22) Diisopropyl ether	5.13	45	565792	24.021	ug/l	90
23) Vinyl Acetate	5.07	43	1677127	115.832	ug/l	98
24) 1,1-Dichloroethane	4.99	63	364193	24.206	ug/l	97
25) 2-Butanone	6.09	43	241057	116.442	ug/l	94
26) 2,2-Dichloropropane	6.04	77	347850	22.435	ug/l	95
27) cis-1,2-Dichloroethene	6.05	96	205618	23.095	ug/l	94
28) Bromochloromethane	6.45	49	143015	23.857	ug/l #	82
29) Tetrahydrofuran	6.48	42	119204	121.620	ug/l	99
30) Chloroform	6.68	83	440507	23.592	ug/l	92
31) Cyclohexane	6.95	56	209637	22.229	ug/l	99
32) 1,1,1-Trichloroethane	6.88	97	428399	23.720	ug/l	97
36) 1,1-Dichloropropene	7.16	75	291990	24.635	ug/l	96
37) Ethyl Acetate	6.20	43	128237	24.083	ug/l	98
38) Carbon Tetrachloride	7.12	117	401823	22.519	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	232256	23.519	ug/l	94
40) Benzene	7.46	78	604803	24.347	ug/l	96
41) Methacrylonitrile	6.45	41	160188	25.149	ug/l #	80
42) 1,2-Dichloroethane	7.58	62	318587	24.200	ug/l	100
43) Isopropyl Acetate	9.25	43	161550	23.751	ug/l #	99
44) Trichloroethene	8.55	130	235539	23.400	ug/l	91
45) 1,2-Dichloropropane	8.95	63	148625	23.540	ug/l	96
46) Dibromomethane	9.08	93	123995	23.619	ug/l	94
47) Bromodichloromethane	9.38	83	316329	23.638	ug/l	99
48) Methyl methacrylate	9.13	41	108644	24.628	ug/l	94
49) 1,4-Dioxane	9.10	88	18300	487.588	ug/l #	87
51) 4-Methyl-2-Pentanone	10.31	43	561923	121.474	ug/l	98
52) Toluene	10.52	92	398100	24.096	ug/l	97
53) t-1,3-Dichloropropene	10.92	75	278040	24.099	ug/l	95
54) cis-1,3-Dichloropropene	10.04	75	289987	23.915	ug/l	98
55) 1,1,2-Trichloroethane	11.20	97	147175	26.376	ug/l	95
56) Ethyl methacrylate	11.05	69	152306	24.927	ug/l	92
57) 1,3-Dichloropropane	11.42	76	213975	24.339	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.87	63	396165	124.606	ug/l	99
59) 2-Hexanone	11.54	43	411366	123.400	ug/l	96
60) Dibromochloromethane	11.70	129	248423	23.583	ug/l	92
61) 1,2-Dibromoethane	11.82	107	172229	25.014	ug/l	98
64) Tetrachloroethene	11.27	164	207645	23.850	ug/l	93
65) Chlorobenzene	12.41	112	486058	23.123	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	214430	23.158	ug/l	91
67) Ethyl Benzene	12.53	91	901934	25.258	ug/l	99
68) m/p-Xylenes	12.67	106	646555	49.371	ug/l	98
69) o-Xylene	13.06	106	313856	26.098	ug/l	92
70) Styrene	13.08	104	518022	24.289	ug/l	99
71) Bromoform	13.24	173	155009	23.020	ug/l	97
73) Isopropylbenzene	13.41	105	899518	23.828	ug/l	99
74) N-amyl acetate	13.27	43	235216	23.570	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	13.71	83	153081	23.872	ug/l	99
76) 1,2,3-Trichloropropane	13.74	75	167809	23.228	ug/l	96
77) Bromobenzene	13.68	156	237691	22.103	ug/l	87
78) n-propylbenzene	13.78	91	952117	21.194	ug/l	96
79) 2-Chlorotoluene	13.84	91	599166	23.018	ug/l	94
80) 1,3,5-Trimethylbenzene	13.94	105	773592	23.759	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.48	75	43624	21.746	ug/l #	94
82) 4-Chlorotoluene	13.95	91	748240	24.425	ug/l	95
83) tert-Butylbenzene	14.20	119	887695	23.878	ug/l	93
84) 1,2,4-Trimethylbenzene	14.25	105	771222	22.900	ug/l	99
85) sec-Butylbenzene	14.38	105	941669	24.041	ug/l	96
86) p-Isopropyltoluene	14.49	119	941835	25.193	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	427331	22.439	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	426962	22.171	ug/l	96
89) n-Butylbenzene	14.80	91	741382	22.961	ug/l	97
90) Hexachloroethane	15.02	117	222821	22.877	ug/l	89
91) 1,2-Dichlorobenzene	14.82	146	368667	22.218	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	15.38	75	27853	21.324	ug/l	77

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	294061	22.339	ug/l	97
94) Hexachlorobutadiene	16.04	225	206945	21.694	ug/l	95
95) Naphthalene	16.13	128	383833	20.631	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	230245	22.141	ug/l	92

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

