

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082219\
 Data File : VD063730.D
 Acq On : 22 Aug 2019 13:43
 Operator : JC/SY
 Sample : VD0822SBS01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0822SBS01

Quant Time: Aug 23 07:08:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	909312	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	1301458	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	1077613	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	571879	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	514432	52.93	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.86%	
35) Dibromofluoromethane	6.92	113	569878	51.99	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.98%	
50) Toluene-d8	10.41	98	1264588	52.48	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.96%	
62) 4-Bromofluorobenzene	13.56	95	590280	54.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.57	85	219997	19.998	ug/l	92
3) Chloromethane	1.74	50	193864	22.555	ug/l	95
4) Vinyl Chloride	1.83	62	182502	21.389	ug/l	98
5) Bromomethane	2.14	94	69078	17.157	ug/l	94
6) Chloroethane	2.25	64	64872m	16.626	ug/l	
7) Trichlorofluoromethane	2.51	101	342476	20.463	ug/l	99
8) Diethyl Ether	2.87	74	52330	22.145	ug/l	71
9) 1,1,2-Trichlorotrifluoroet	3.13	101	189142	19.139	ug/l	93
10) Methyl Iodide	3.29	142	233888	16.727	ug/l #	93
11) Tert butyl alcohol	4.08	59	52379	123.791	ug/l	100
12) 1,1-Dichloroethene	3.11	96	146378	19.922	ug/l	95
13) Acrolein	3.03	56	30802	73.957	ug/l	86
14) Allyl chloride	3.62	41	236822	21.440	ug/l	89
15) Acrylonitrile	4.20	53	142899	127.502	ug/l	94
16) Acetone	3.22	43	195812	99.102	ug/l	99
17) Carbon Disulfide	3.36	76	439558	18.955	ug/l	97
18) Methyl Acetate	3.64	43	91434	24.431	ug/l #	86
19) Methyl tert-butyl Ether	4.24	73	360919	24.562	ug/l	95
20) Methylene Chloride	3.80	84	192250	22.502	ug/l	96
21) trans-1,2-Dichloroethene	4.21	96	180035	23.284	ug/l	93
22) Diisopropyl ether	5.11	45	507599	22.270	ug/l	93
23) Vinyl Acetate	5.05	43	1535177	115.856	ug/l	99
24) 1,1-Dichloroethane	4.97	63	321780	22.762	ug/l	97
25) 2-Butanone	6.08	43	223844	114.708	ug/l	95
26) 2,2-Dichloropropane	6.02	77	299355	21.260	ug/l	89
27) cis-1,2-Dichloroethene	6.04	96	202278	23.911	ug/l	93
28) Bromochloromethane	6.43	49	126471	22.074	ug/l	98
29) Tetrahydrofuran	6.46	42	105852	116.409	ug/l	95
30) Chloroform	6.67	83	379598	21.603	ug/l	92
31) Cyclohexane	6.94	56	183508	20.910	ug/l	93
32) 1,1,1-Trichloroethane	6.87	97	364681	21.696	ug/l	96
36) 1,1-Dichloropropene	7.14	75	231800	20.147	ug/l	98
37) Ethyl Acetate	6.19	43	106917	22.177	ug/l #	93
38) Carbon Tetrachloride	7.11	117	348297	20.087	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	199967	20.440	ug/l	98
40) Benzene	7.46	78	551319	21.775	ug/l	100
41) Methacrylonitrile	6.45	41	144768	23.849	ug/l #	95
42) 1,2-Dichloroethane	7.57	62	282730	22.208	ug/l	97
43) Isopropyl Acetate	9.25	43	147382	22.826	ug/l #	93
44) Trichloroethene	8.54	130	208094	21.503	ug/l	99
45) 1,2-Dichloropropane	8.94	63	137653	23.346	ug/l	98
46) Dibromomethane	9.06	93	120778	23.987	ug/l	92
47) Bromodichloromethane	9.37	83	301325	23.330	ug/l	99
48) Methyl methacrylate	9.12	41	103537	23.644	ug/l	98
49) 1,4-Dioxane	9.10	88	19498	511.034	ug/l	92
51) 4-Methyl-2-Pentanone	10.30	43	506605	114.661	ug/l	91
52) Toluene	10.51	92	337192	20.677	ug/l	94
53) t-1,3-Dichloropropene	10.92	75	247121	23.445	ug/l	98
54) cis-1,3-Dichloropropene	10.04	75	245205	20.631	ug/l	97
55) 1,1,2-Trichloroethane	11.20	97	123044	22.336	ug/l	98
56) Ethyl methacrylate	11.05	69	126952	21.233	ug/l	98
57) 1,3-Dichloropropane	11.41	76	196079	23.548	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.86	63	350523	111.046	ug/l	100
59) 2-Hexanone	11.54	43	387330	120.481	ug/l	99
60) Dibromochloromethane	11.69	129	230294	22.974	ug/l	96
61) 1,2-Dibromoethane	11.81	107	151582	22.730	ug/l	97
64) Tetrachloroethene	11.26	164	179532	21.581	ug/l	93
65) Chlorobenzene	12.41	112	444704	22.018	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	211705	23.817	ug/l	93
67) Ethyl Benzene	12.52	91	813878	23.176	ug/l	98
68) m/p-Xylenes	12.67	106	569901	46.191	ug/l	94
69) o-Xylene	13.06	106	258228	21.746	ug/l	93
70) Styrene	13.08	104	487841	23.095	ug/l	96
71) Bromoform	13.23	173	142264	23.342	ug/l	95
73) Isopropylbenzene	13.40	105	785217	21.587	ug/l	99
74) N-amyl acetate	13.26	43	221740	24.284	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	132963	22.023	ug/l	98
76) 1,2,3-Trichloropropane	13.74	75	153118	23.330	ug/l	99
77) Bromobenzene	13.68	156	225338	22.667	ug/l	77
78) n-propylbenzene	13.78	91	939661	22.079	ug/l	97
79) 2-Chlorotoluene	13.84	91	554847	22.611	ug/l	93
80) 1,3,5-Trimethylbenzene	13.93	105	684377	21.534	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.47	75	38570	21.865	ug/l	93
82) 4-Chlorotoluene	13.95	91	647880	21.956	ug/l	96
83) tert-Butylbenzene	14.19	119	769551	22.994	ug/l	96
84) 1,2,4-Trimethylbenzene	14.24	105	699985	23.804	ug/l	95
85) sec-Butylbenzene	14.37	105	828736	23.317	ug/l	99
86) p-Isopropyltoluene	14.49	119	732806	21.564	ug/l	94
87) 1,3-Dichlorobenzene	14.45	146	393356	21.875	ug/l	92
88) 1,4-Dichlorobenzene	14.54	146	384783	22.303	ug/l	95
89) n-Butylbenzene	14.80	91	628645	20.269	ug/l	92
90) Hexachloroethane	15.01	117	192158	22.497	ug/l	86
91) 1,2-Dichlorobenzene	14.81	146	338493	22.187	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	22844	20.095	ug/l	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	251369	22.392	ug/l	95
94) Hexachlorobutadiene	16.04	225	196414	22.957	ug/l	99
95) Naphthalene	16.13	128	399311	23.471	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	203116	22.401	ug/l	94

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

