

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040819\
 Data File : VD061650.D
 Acq On : 8 Apr 2019 14:48
 Operator : VA/AP
 Sample : VD0408SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0408SBS01

Quant Time: Apr 09 01:18:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	703663	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.24	114	1033307	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	938029	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	417038	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	260335	48.81	ug/l	0.02
Spiked Amount 50.000			Recovery =	97.62%		
35) Dibromofluoromethane	6.94	113	405078	56.59	ug/l	0.02
Spiked Amount 50.000			Recovery =	113.18%		
50) Toluene-d8	10.42	98	949207	52.78	ug/l	0.02
Spiked Amount 50.000			Recovery =	105.56%		
62) 4-Bromofluorobenzene	13.56	95	368477	61.06	ug/l	0.01
Spiked Amount 50.000			Recovery =	122.12%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	136968	18.043	ug/l	98
3) Chloromethane	1.76	50	124167	20.240	ug/l	95
4) Vinyl Chloride	1.85	62	114732	20.015	ug/l	98
5) Bromomethane	2.15	94	22138	16.685	ug/l	98
6) Chloroethane	2.25	64	28749	16.012	ug/l	98
7) Trichlorofluoromethane	2.53	101	149723	17.299	ug/l	97
8) Diethyl Ether	2.88	74	48364	19.911	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.16	101	176959	20.796	ug/l	97
10) Methyl Iodide	3.32	142	203955	18.552	ug/l	99
11) Tert butyl alcohol	4.08	59	39228	109.741	ug/l	97
12) 1,1-Dichloroethene	3.13	96	147838	20.154	ug/l	96
13) Acrolein	3.04	56	40149	92.123	ug/l	96
14) Allyl chloride	3.63	41	202948	20.284	ug/l	98
15) Acrylonitrile	4.21	53	131257	106.670	ug/l	98
16) Acetone	3.23	43	147854	92.732	ug/l	98
17) Carbon Disulfide	3.39	76	436291	18.304	ug/l	100
18) Methyl Acetate	3.65	43	65410	21.805	ug/l	99
19) Methyl tert-butyl Ether	4.25	73	269607	21.226	ug/l	100
20) Methylene Chloride	3.83	84	183362	20.266	ug/l	98
21) trans-1,2-Dichloroethene	4.23	96	163084	20.469	ug/l	97
22) Diisopropyl ether	5.14	45	413077	19.692	ug/l	97
23) Vinyl Acetate	5.07	43	1111779	96.053	ug/l	99
24) 1,1-Dichloroethane	5.00	63	246890	19.207	ug/l	99
25) 2-Butanone	6.08	43	191619	104.248	ug/l	99
26) 2,2-Dichloropropane	6.04	77	212751	20.326	ug/l	99
27) cis-1,2-Dichloroethene	6.05	96	180157	21.196	ug/l	99
28) Bromochloromethane	6.46	49	86849	18.316	ug/l	99
29) Tetrahydrofuran	6.47	42	93265	105.109	ug/l	98
30) Chloroform	6.67	83	271435	20.157	ug/l	97
31) Cyclohexane	6.98	56	203602	20.275	ug/l	98
32) 1,1,1-Trichloroethane	6.89	97	243616	20.644	ug/l	97
36) 1,1-Dichloropropene	7.17	75	210214	23.245	ug/l	96
37) Ethyl Acetate	6.20	43	88585	24.049	ug/l	97
38) Carbon Tetrachloride	7.13	117	244295	23.049	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	215433	23.204	ug/l	98
40) Benzene	7.47	78	504440	23.122	ug/l	98
41) Methacrylonitrile	6.47	41	103121	23.982	ug/l #	93
42) 1,2-Dichloroethane	7.59	62	160560	23.401	ug/l	99
43) Isopropyl Acetate	9.25	43	128143	23.971	ug/l #	100
44) Trichloroethene	8.55	130	190018	22.719	ug/l	99
45) 1,2-Dichloropropane	8.96	63	125409	23.179	ug/l	96
46) Dibromomethane	9.08	93	90740	23.466	ug/l	98
47) Bromodichloromethane	9.39	83	204621	24.094	ug/l	99
48) Methyl methacrylate	9.13	41	77573	25.174	ug/l	99
49) 1,4-Dioxane	9.10	88	17125	503.478	ug/l #	86
51) 4-Methyl-2-Pentanone	10.32	43	366666	115.979	ug/l	97
52) Toluene	10.52	92	334521	24.555	ug/l	96
53) t-1,3-Dichloropropene	10.93	75	177201	23.803	ug/l	97
54) cis-1,3-Dichloropropene	10.05	75	216927	23.638	ug/l	96
55) 1,1,2-Trichloroethane	11.20	97	117490	25.570	ug/l	98
56) Ethyl methacrylate	11.05	69	124751	25.737	ug/l	100
57) 1,3-Dichloropropane	11.43	76	151499	22.515	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.87	63	240700	105.242	ug/l	95
59) 2-Hexanone	11.55	43	296114	120.687	ug/l	99
60) Dibromochloromethane	11.69	129	171240	23.589	ug/l	97
61) 1,2-Dibromoethane	11.81	107	133660	24.874	ug/l	98
64) Tetrachloroethene	11.27	164	144316	19.820	ug/l	99
65) Chlorobenzene	12.41	112	408719	21.972	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	159059	22.221	ug/l	95
67) Ethyl Benzene	12.53	91	623915	22.025	ug/l	99
68) m/p-Xylenes	12.68	106	485832	44.487	ug/l	98
69) o-Xylene	13.06	106	229514	21.772	ug/l	92
70) Styrene	13.08	104	383506	21.302	ug/l	99
71) Bromoform	13.24	173	93771	21.113	ug/l	99
73) Isopropylbenzene	13.41	105	586557	21.109	ug/l	98
74) N-amyl acetate	13.27	43	164959	21.849	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.71	83	123602	21.512	ug/l	99
76) 1,2,3-Trichloropropane	13.74	75	119425	21.048	ug/l	99
77) Bromobenzene	13.68	156	175042	21.702	ug/l	80
78) n-propylbenzene	13.78	91	740384	22.274	ug/l	99
79) 2-Chlorotoluene	13.85	91	388581	20.443	ug/l	98
80) 1,3,5-Trimethylbenzene	13.94	105	501911	22.757	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.49	75	36248	21.053	ug/l	96
82) 4-Chlorotoluene	13.96	91	471216	22.623	ug/l	100
83) tert-Butylbenzene	14.19	119	560388	21.073	ug/l	99
84) 1,2,4-Trimethylbenzene	14.24	105	518062	23.274	ug/l	99
85) sec-Butylbenzene	14.37	105	644729	22.440	ug/l	100
86) p-Isopropyltoluene	14.50	119	556957	22.346	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	314481	22.655	ug/l	98
88) 1,4-Dichlorobenzene	14.55	146	302495	21.597	ug/l	99
89) n-Butylbenzene	14.80	91	541359	24.989	ug/l	98
90) Hexachloroethane	15.01	117	148881	22.014	ug/l	94
91) 1,2-Dichlorobenzene	14.81	146	273922	23.943	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.39	75	15898	22.929	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	161572	27.720	ug/l	97
94) Hexachlorobutadiene	16.05	225	111934	24.871	ug/l	98
95) Naphthalene	16.13	128	258748	28.056	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	101860	35.016	ug/l	97

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

