

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040819\
 Data File : VD061654.D
 Acq On : 8 Apr 2019 16:45
 Operator : VA/AP
 Sample : VD0408SBS02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0408SBS02

Quant Time: Apr 09 01:20:48 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	645853	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1108134	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	892272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	399675	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	262348	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	
35) Dibromofluoromethane	6.94	113	383796	49.99	ug/l	0.02
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	10.42	98	838914	43.50	ug/l	0.02
Spiked Amount	50.000		Recovery	=	87.00%	
62) 4-Bromofluorobenzene	13.56	95	336903	49.61	ug/l	0.01
Spiked Amount	50.000		Recovery	=	99.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	124006	17.797	ug/l	98
3) Chloromethane	1.75	50	102520	18.208	ug/l	92
4) Vinyl Chloride	1.85	62	96140	18.273	ug/l	97
5) Bromomethane	2.14	94	17789	14.608	ug/l	96
6) Chloroethane	2.25	64	23179	14.066	ug/l	93
7) Trichlorofluoromethane	2.53	101	128774	16.210	ug/l	94
8) Diethyl Ether	2.87	74	45608	20.457	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.15	101	148136	18.967	ug/l	94
10) Methyl Iodide	3.31	142	177305	17.765	ug/l	99
11) Tert butyl alcohol	4.09	59	38005	115.836	ug/l #	90
12) 1,1-Dichloroethene	3.13	96	125917	18.702	ug/l	91
13) Acrolein	3.04	56	38339	95.844	ug/l	91
14) Allyl chloride	3.62	41	171287	18.652	ug/l	97
15) Acrylonitrile	4.20	53	120021	106.269	ug/l	97
16) Acetone	3.23	43	134964	92.224	ug/l	99
17) Carbon Disulfide	3.38	76	403696	18.453	ug/l	99
18) Methyl Acetate	3.64	43	57874	21.019	ug/l	95
19) Methyl tert-butyl Ether	4.24	73	251828	21.601	ug/l	98
20) Methylene Chloride	3.82	84	156541	18.851	ug/l	94
21) trans-1,2-Dichloroethene	4.22	96	144845	19.807	ug/l	97
22) Diisopropyl ether	5.14	45	382722	19.878	ug/l	96
23) Vinyl Acetate	5.07	43	1051624	98.989	ug/l	99
24) 1,1-Dichloroethane	4.99	63	215023	18.225	ug/l	99
25) 2-Butanone	6.08	43	167304	99.167	ug/l	100
26) 2,2-Dichloropropane	6.03	77	177124	18.437	ug/l	98
27) cis-1,2-Dichloroethene	6.05	96	146845	18.823	ug/l	96
28) Bromochloromethane	6.46	49	82677	18.996	ug/l	100
29) Tetrahydrofuran	6.47	42	87602	107.564	ug/l	97
30) Chloroform	6.67	83	244850	19.810	ug/l	96
31) Cyclohexane	6.97	56	151899	16.480	ug/l	99
32) 1,1,1-Trichloroethane	6.88	97	219081	20.227	ug/l	99
36) 1,1-Dichloropropene	7.16	75	175992	18.147	ug/l	100
37) Ethyl Acetate	6.19	43	72709	18.406	ug/l	97
38) Carbon Tetrachloride	7.13	117	214401	18.863	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	183368	18.416	ug/l	98
40) Benzene	7.47	78	464919	19.871	ug/l	99
41) Methacrylonitrile	6.45	41	96433	20.912	ug/l #	87
42) 1,2-Dichloroethane	7.59	62	140430	19.085	ug/l	97
43) Isopropyl Acetate	9.25	43	115193	20.093	ug/l #	95
44) Trichloroethene	8.55	130	162694	18.138	ug/l	97
45) 1,2-Dichloropropane	8.95	63	109555	18.881	ug/l	98
46) Dibromomethane	9.08	93	80551	19.425	ug/l	95
47) Bromodichloromethane	9.39	83	174409	19.150	ug/l	96
48) Methyl methacrylate	9.12	41	65258	19.747	ug/l	91
49) 1,4-Dioxane	9.10	88	16317	447.329	ug/l #	95
51) 4-Methyl-2-Pentanone	10.32	43	364397	107.478	ug/l	99
52) Toluene	10.52	92	289118	19.789	ug/l	97
53) t-1,3-Dichloropropene	10.93	75	169999	21.294	ug/l	94
54) cis-1,3-Dichloropropene	10.05	75	194286	19.741	ug/l	93
55) 1,1,2-Trichloroethane	11.20	97	95265	19.333	ug/l	97
56) Ethyl methacrylate	11.05	69	111273	21.406	ug/l	100
57) 1,3-Dichloropropane	11.42	76	154443	21.403	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.87	63	269768	109.987	ug/l	98
59) 2-Hexanone	11.55	43	263079	99.983	ug/l	98
60) Dibromochloromethane	11.69	129	155757	20.007	ug/l	96
61) 1,2-Dibromoethane	11.81	107	115461	20.036	ug/l	98
64) Tetrachloroethene	11.27	164	130720	18.873	ug/l	99
65) Chlorobenzene	12.41	112	352098	19.898	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	144030	21.153	ug/l	97
67) Ethyl Benzene	12.53	91	563110	20.898	ug/l	98
68) m/p-Xylenes	12.68	106	422210	40.644	ug/l	98
69) o-Xylene	13.05	106	184292	18.378	ug/l	90
70) Styrene	13.08	104	334761	19.548	ug/l	97
71) Bromoform	13.24	173	86177	20.398	ug/l	100
73) Isopropylbenzene	13.41	105	499152	18.743	ug/l	99
74) N-amyl acetate	13.27	43	147406	20.372	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.71	83	112100	20.358	ug/l	97
76) 1,2,3-Trichloropropane	13.74	75	114110	20.985	ug/l	97
77) Bromobenzene	13.68	156	163627	21.168	ug/l	78
78) n-propylbenzene	13.78	91	611082	19.183	ug/l	99
79) 2-Chlorotoluene	13.85	91	354470	19.458	ug/l	98
80) 1,3,5-Trimethylbenzene	13.94	105	444060	21.009	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.48	75	34549	20.938	ug/l	93
82) 4-Chlorotoluene	13.96	91	396123	19.844	ug/l	98
83) tert-Butylbenzene	14.19	119	514190	20.176	ug/l	99
84) 1,2,4-Trimethylbenzene	14.24	105	483777	22.678	ug/l	100
85) sec-Butylbenzene	14.37	105	551422	20.026	ug/l	100
86) p-Isopropyltoluene	14.50	119	524627	21.963	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	286756	21.555	ug/l	99
88) 1,4-Dichlorobenzene	14.55	146	275176	20.500	ug/l	99
89) n-Butylbenzene	14.80	91	421510	20.302	ug/l	98
90) Hexachloroethane	15.01	117	138303	21.339	ug/l	99
91) 1,2-Dichlorobenzene	14.81	146	230702	21.041	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.39	75	14806	22.282	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.96	180	152861	27.365	ug/l	99
94) Hexachlorobutadiene	16.05	225	96913	22.469	ug/l	99
95) Naphthalene	16.13	128	219051	24.783	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	94565	33.920	ug/l	98

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

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