

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041019\
 Data File : VD061711.D
 Acq On : 10 Apr 2019 14:22
 Operator : VA/AP
 Sample : VD0410SBS01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0410SBS01

Quant Time: Apr 11 01:05:25 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	694651	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	1172028	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	977777	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	446905	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.48	65	259334	49.25	ug/l	0.03
Spiked Amount	50.000		Recovery	=	98.50%	
35) Dibromofluoromethane	6.95	113	405823	49.98	ug/l	0.03
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	10.43	98	921968	45.20	ug/l	0.03
Spiked Amount	50.000		Recovery	=	90.40%	
62) 4-Bromofluorobenzene	13.56	95	362024	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.59	85	141660	18.903	ug/l	96
3) Chloromethane	1.78	50	119691	19.764	ug/l	98
4) Vinyl Chloride	1.87	62	110523	19.531	ug/l	98
5) Bromomethane	2.17	94	21419	16.353	ug/l	93
6) Chloroethane	2.28	64	25444	14.355	ug/l	94
7) Trichlorofluoromethane	2.55	101	177786	20.808	ug/l	95
8) Diethyl Ether	2.89	74	45236	18.865	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.17	101	165899	19.749	ug/l	97
10) Methyl Iodide	3.32	142	204302	18.771	ug/l	98
11) Tert butyl alcohol	4.09	59	39052	110.666	ug/l #	94
12) 1,1-Dichloroethene	3.15	96	141851	19.588	ug/l	95
13) Acrolein	3.06	56	35204	81.824	ug/l	99
14) Allyl chloride	3.65	41	201752	20.427	ug/l	97
15) Acrylonitrile	4.22	53	125157	103.032	ug/l	99
16) Acetone	3.24	43	150151	95.394	ug/l	100
17) Carbon Disulfide	3.40	76	426617	18.131	ug/l	100
18) Methyl Acetate	3.67	43	67580	22.820	ug/l	96
19) Methyl tert-butyl Ether	4.26	73	263302	20.999	ug/l	98
20) Methylene Chloride	3.84	84	178541	19.989	ug/l	98
21) trans-1,2-Dichloroethene	4.24	96	152499	19.389	ug/l	99
22) Diisopropyl ether	5.14	45	408385	19.721	ug/l	94
23) Vinyl Acetate	5.09	43	1120697	98.080	ug/l	99
24) 1,1-Dichloroethane	5.02	63	238670	18.808	ug/l	99
25) 2-Butanone	6.10	43	186073	102.544	ug/l	95
26) 2,2-Dichloropropane	6.05	77	209922	20.316	ug/l	97
27) cis-1,2-Dichloroethene	6.07	96	172293	20.534	ug/l	98
28) Bromochloromethane	6.46	49	90200	19.269	ug/l	94
29) Tetrahydrofuran	6.48	42	96586	110.264	ug/l	99
30) Chloroform	6.69	83	271979	20.459	ug/l	99
31) Cyclohexane	6.99	56	186987	18.862	ug/l	95
32) 1,1,1-Trichloroethane	6.90	97	240130	20.613	ug/l	99
36) 1,1-Dichloropropene	7.17	75	202000	19.693	ug/l	99
37) Ethyl Acetate	6.21	43	89458	21.412	ug/l	99
38) Carbon Tetrachloride	7.13	117	235099	19.556	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.89	83	218776	20.775	ug/l	97
40) Benzene	7.48	78	470293	19.005	ug/l	99
41) Methacrylonitrile	6.47	41	112329	23.031	ug/l #	94
42) 1,2-Dichloroethane	7.61	62	160550	20.630	ug/l	97
43) Isopropyl Acetate	9.26	43	125887	20.761	ug/l #	99
44) Trichloroethene	8.56	130	194470	20.499	ug/l	98
45) 1,2-Dichloropropane	8.96	63	119553	19.481	ug/l	92
46) Dibromomethane	9.08	93	88290	20.130	ug/l	92
47) Bromodichloromethane	9.40	83	198091	20.564	ug/l	99
48) Methyl methacrylate	9.14	41	70532	20.180	ug/l	95
49) 1,4-Dioxane	9.10	88	15635	405.265	ug/l #	78
51) 4-Methyl-2-Pentanone	10.32	43	379908	105.945	ug/l	95
52) Toluene	10.53	92	303178	19.620	ug/l	95
53) t-1,3-Dichloropropene	10.93	75	163316	19.341	ug/l	100
54) cis-1,3-Dichloropropene	10.06	75	214548	20.612	ug/l	96
55) 1,1,2-Trichloroethane	11.21	97	99789	19.147	ug/l	95
56) Ethyl methacrylate	11.06	69	109035	19.832	ug/l	98
57) 1,3-Dichloropropane	11.43	76	168288	22.050	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.88	63	295048	113.736	ug/l	99
59) 2-Hexanone	11.55	43	301081	108.187	ug/l	99
60) Dibromochloromethane	11.70	129	177196	21.520	ug/l	99
61) 1,2-Dibromoethane	11.82	107	131097	21.510	ug/l	95
64) Tetrachloroethene	11.28	164	143150	18.861	ug/l	97
65) Chlorobenzene	12.41	112	386882	19.952	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.53	131	159609	21.391	ug/l	96
67) Ethyl Benzene	12.54	91	621020	21.032	ug/l	99
68) m/p-Xylenes	12.69	106	459646	40.378	ug/l	99
69) o-Xylene	13.06	106	208607	18.984	ug/l	98
70) Styrene	13.09	104	371101	19.775	ug/l	96
71) Bromoform	13.25	173	95425	20.612	ug/l	97
73) Isopropylbenzene	13.41	105	587591	19.733	ug/l	99
74) N-amyl acetate	13.28	43	165020	20.396	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.71	83	120788	19.618	ug/l	96
76) 1,2,3-Trichloropropane	13.74	75	119399	19.637	ug/l	99
77) Bromobenzene	13.68	156	168601	19.506	ug/l	86
78) n-propylbenzene	13.79	91	725382	20.364	ug/l	99
79) 2-Chlorotoluene	13.85	91	414101	20.329	ug/l	91
80) 1,3,5-Trimethylbenzene	13.95	105	476093	20.144	ug/l	95
81) trans-1,4-Dichloro-2-buten	13.48	75	35014	18.977	ug/l	92
82) 4-Chlorotoluene	13.96	91	442559	19.827	ug/l	93
83) tert-Butylbenzene	14.20	119	537648	18.867	ug/l	95
84) 1,2,4-Trimethylbenzene	14.25	105	476236	19.965	ug/l	99
85) sec-Butylbenzene	14.38	105	621930	20.200	ug/l	97
86) p-Isopropyltoluene	14.50	119	480731	17.999	ug/l	98
87) 1,3-Dichlorobenzene	14.47	146	279489	18.789	ug/l	96
88) 1,4-Dichlorobenzene	14.55	146	306339	20.410	ug/l	98
89) n-Butylbenzene	14.80	91	470215	20.255	ug/l	98
90) Hexachloroethane	15.02	117	140059	19.326	ug/l	73
91) 1,2-Dichlorobenzene	14.82	146	256041	20.885	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.39	75	16030	21.575	ug/l	68

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	125292	20.059	ug/l	98
94) Hexachlorobutadiene	16.04	225	91094	18.887	ug/l	97
95) Naphthalene	16.13	128	202834	20.523	ug/l	100
96) 1,2,3-Trichlorobenzene	16.28	180	60544	19.422	ug/l	93

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

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