

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081318\
 Data File : VD059743.D
 Acq On : 13 Aug 2018 19:45
 Operator : VA/AP
 Sample : VD0813SBSD01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0813SBSD01

Quant Time: Aug 14 03:51:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 05:42:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	188322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	220368	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	182893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	101414	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.00	65	138160	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
35) Dibromofluoromethane	5.54	113	115109	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
50) Toluene-d8	8.70	98	232218	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
62) 4-Bromofluorobenzene	11.92	95	108844	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.33	85	49832	17.69	ug/l	95
3) Chloromethane	1.47	50	20254	18.97	ug/l #	85
4) Vinyl Chloride	1.55	62	24846	18.43	ug/l	97
5) Bromomethane	1.78	94	9111	16.09	ug/l	84
6) Chloroethane	1.86	64	11610	16.73	ug/l	100
7) Trichlorofluoromethane	2.07	101	52871	18.28	ug/l	100
8) Diethyl Ether	2.33	74	8702	18.63	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.55	101	30104	20.30	ug/l	93
10) Methyl Iodide	2.69	142	27636	17.45	ug/l	97
11) Tert butyl alcohol	3.26	59	10612	103.89	ug/l #	75
12) 1,1-Dichloroethene	2.54	96	20240	19.09	ug/l	93
13) Acrolein	2.46	56	6532	107.36	ug/l #	76
14) Allyl chloride	2.91	41	44628	19.05	ug/l	98
15) Acrylonitrile	3.35	53	25560	101.22	ug/l	90
16) Acetone	2.61	43	41173	85.50	ug/l	99
17) Carbon Disulfide	2.75	76	60272	16.96	ug/l	99
18) Methyl Acetate	2.92	43	15665	17.13	ug/l	96
19) Methyl tert-butyl Ether	3.40	73	83020	20.01	ug/l	97
20) Methylene Chloride	3.06	84	28404	20.43	ug/l	91
21) trans-1,2-Dichloroethene	3.38	96	31355	23.33	ug/l	88
22) Diisopropyl ether	4.06	45	93117	21.02	ug/l	84
23) Vinyl Acetate	4.01	43	305920	102.04	ug/l	99
24) 1,1-Dichloroethane	3.97	63	64005	19.56	ug/l #	95
25) 2-Butanone	4.82	43	43394	83.84	ug/l	96
26) 2,2-Dichloropropane	4.78	77	69136	18.07	ug/l	96
27) cis-1,2-Dichloroethene	4.79	96	31524	19.39	ug/l	92
28) Bromochloromethane	5.14	49	24937	21.17	ug/l	95
29) Tetrahydrofuran	5.18	42	20033	103.52	ug/l	97
30) Chloroform	5.31	83	84965	19.66	ug/l	95
31) Cyclohexane	5.58	56	39069	20.57	ug/l #	91
32) 1,1,1-Trichloroethane	5.50	97	81137	18.11	ug/l	98
36) 1,1-Dichloropropene	5.74	75	50895	19.90	ug/l	91
37) Ethyl Acetate	4.92	43	22313	19.84	ug/l #	93
38) Carbon Tetrachloride	5.72	117	75090	18.66	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.27	83	41407	21.85	ug/l	98
40) Benzene	6.00	78	91374	20.50	ug/l	100
41) Methacrylonitrile	5.12	41	10193	19.28	ug/l	94
42) 1,2-Dichloroethane	6.12	62	66745	18.88	ug/l	99
43) Isopropyl Acetate	7.61	43	29338	20.70	ug/l #	85
44) Trichloroethene	6.98	130	36929	20.54	ug/l	94
45) 1,2-Dichloropropane	7.34	63	23020	20.28	ug/l	93
46) Dibromomethane	7.45	93	22764	18.88	ug/l	95
47) Bromodichloromethane	7.73	83	61486	19.30	ug/l	95
48) Methyl methacrylate	7.50	41	19531	18.88	ug/l	95
49) 1,4-Dioxane	7.48	88	2677	366.07	ug/l #	88
51) 4-Methyl-2-Pentanone	8.59	43	99723	91.28	ug/l	91
52) Toluene	8.80	92	62362	21.76	ug/l	99
53) t-1,3-Dichloropropene	9.18	75	48076	18.78	ug/l	100
54) cis-1,3-Dichloropropene	8.35	75	48307	19.66	ug/l	100
55) 1,1,2-Trichloroethane	9.45	97	22936	20.29	ug/l	97
56) Ethyl methacrylate	9.31	69	26025	20.21	ug/l #	86
57) 1,3-Dichloropropane	9.66	76	43534	23.14	ug/l #	87
58) 2-Chloroethyl Vinyl ether	8.18	63	64496	108.13	ug/l	98
59) 2-Hexanone	9.78	43	74129	90.68	ug/l	98
60) Dibromochloromethane	9.96	129	39703	18.21	ug/l	94
61) 1,2-Dibromoethane	10.08	107	29123	20.61	ug/l	98
64) Tetrachloroethene	9.50	164	34706	19.33	ug/l	96
65) Chlorobenzene	10.71	112	76590	20.52	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.84	131	35739	18.90	ug/l	94
67) Ethyl Benzene	10.85	91	140477	20.09	ug/l	94
68) m/p-Xylenes	11.01	106	92503	41.26	ug/l	94
69) o-Xylene	11.40	106	41666	19.11	ug/l	97
70) Styrene	11.42	104	75069	21.02	ug/l	97
71) Bromoform	11.60	173	26109	18.26	ug/l	99
73) Isopropylbenzene	11.77	105	142208	20.64	ug/l	99
74) N-amyl acetate	11.64	43	37897	19.19	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.07	83	25320	20.14	ug/l	100
76) 1,2,3-Trichloropropane	12.11	75	31497	21.00	ug/l	91
77) Bromobenzene	12.03	156	41071	20.41	ug/l	96
78) n-propylbenzene	12.15	91	168618	20.15	ug/l	97
79) 2-Chlorotoluene	12.21	91	103958	19.62	ug/l	95
80) 1,3,5-Trimethylbenzene	12.32	105	117409	19.67	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.84	75	6879	20.36	ug/l	87
82) 4-Chlorotoluene	12.32	91	123535	19.77	ug/l	91
83) tert-Butylbenzene	12.57	119	129867	20.00	ug/l	91
84) 1,2,4-Trimethylbenzene	12.62	105	123290	20.02	ug/l	95
85) sec-Butylbenzene	12.75	105	146362	21.21	ug/l	98
86) p-Isopropyltoluene	12.88	119	118522	19.06	ug/l	97
87) 1,3-Dichlorobenzene	12.84	146	70868	20.80	ug/l	98
88) 1,4-Dichlorobenzene	12.93	146	68428	20.09	ug/l	98
89) n-Butylbenzene	13.19	91	123099	20.02	ug/l	99
90) Hexachloroethane	13.40	117	31235	19.36	ug/l	91
91) 1,2-Dichlorobenzene	13.19	146	59698	20.63	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.77	75	6176	19.72	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	50477	18.37	ug/l	98
94) Hexachlorobutadiene	14.43	225	41541	18.04	ug/l	95
95) Naphthalene	14.51	128	71907	19.43	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	42694	18.17	ug/l	93

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

