

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080818\
 Data File : VD059709.D
 Acq On : 8 Aug 2018 13:21
 Operator : VA/AP
 Sample : VD0808SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0808SBS01

Quant Time: Aug 08 14:21:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 08 02:03:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	218250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	265113	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	205355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	112286	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.01	65	140342	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
35) Dibromofluoromethane	5.53	113	117848	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
50) Toluene-d8	8.70	98	248419	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
62) 4-Bromofluorobenzene	11.93	95	116155	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.33	85	50597	16.52	ug/l	96
3) Chloromethane	1.47	50	24055	17.62	ug/l	91
4) Vinyl Chloride	1.54	62	29426	18.46	ug/l	98
5) Bromomethane	1.78	94	7654	14.59	ug/l	93
6) Chloroethane	1.86	64	11043	17.05	ug/l	88
7) Trichlorofluoromethane	2.07	101	49544	19.07	ug/l	91
8) Diethyl Ether	2.33	74	10576	22.23	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.53	101	28498	19.42	ug/l	98
10) Methyl Iodide	2.68	142	30372	18.00	ug/l	95
11) Tert butyl alcohol	3.26	59	11091	108.57	ug/l #	76
12) 1,1-Dichloroethene	2.53	96	21270	19.84	ug/l	81
13) Acrolein	2.46	56	8246	85.94	ug/l	94
14) Allyl chloride	2.91	41	51008	20.79	ug/l	89
15) Acrylonitrile	3.34	53	27047	95.45	ug/l	95
16) Acetone	2.60	43	47741	90.52	ug/l	98
17) Carbon Disulfide	2.74	76	73918	19.09	ug/l #	94
18) Methyl Acetate	2.93	43	18018	18.49	ug/l #	89
19) Methyl tert-butyl Ether	3.39	73	83375	20.38	ug/l	98
20) Methylene Chloride	3.06	84	33319	16.07	ug/l	91
21) trans-1,2-Dichloroethene	3.37	96	25813	18.40	ug/l	94
22) Diisopropyl ether	4.06	45	99566	17.26	ug/l	98
23) Vinyl Acetate	4.00	43	332974	91.02	ug/l	99
24) 1,1-Dichloroethane	3.96	63	67796	17.75	ug/l	99
25) 2-Butanone	4.83	43	53694	77.52	ug/l	96
26) 2,2-Dichloropropane	4.79	77	77606	19.03	ug/l	97
27) cis-1,2-Dichloroethene	4.79	96	34873	17.12	ug/l	85
28) Bromochloromethane	5.13	49	25931	18.39	ug/l #	82
29) Tetrahydrofuran	5.17	42	23825	88.81	ug/l	97
30) Chloroform	5.31	83	80154	17.22	ug/l	96
31) Cyclohexane	5.57	56	44895	15.78	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	82974	18.33	ug/l	97
36) 1,1-Dichloropropene	5.73	75	55796	18.93	ug/l	95
37) Ethyl Acetate	4.91	43	26850	18.76	ug/l #	95
38) Carbon Tetrachloride	5.71	117	80821	20.49	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	43908	17.63	ug/l	94
40) Benzene	6.00	78	99865	17.47	ug/l	99
41) Methacrylonitrile	5.12	41	13820	20.65	ug/l	91
42) 1,2-Dichloroethane	6.11	62	66273	18.75	ug/l	100
43) Isopropyl Acetate	7.61	43	33590	17.96	ug/l	99
44) Trichloroethene	6.97	130	36664	17.56	ug/l	89
45) 1,2-Dichloropropane	7.33	63	27726	18.37	ug/l	99
46) Dibromomethane	7.45	93	22685	17.34	ug/l	90
47) Bromodichloromethane	7.74	83	59422	17.84	ug/l #	93
48) Methyl methacrylate	7.50	41	24449	19.80	ug/l	96
49) 1,4-Dioxane	7.48	88	3657	367.12	ug/l #	84
51) 4-Methyl-2-Pentanone	8.59	43	115342	84.56	ug/l	97
52) Toluene	8.79	92	67582	18.53	ug/l	97
53) t-1,3-Dichloropropene	9.18	75	53578	19.01	ug/l	100
54) cis-1,3-Dichloropropene	8.35	75	53477	18.42	ug/l	96
55) 1,1,2-Trichloroethane	9.45	97	24551	17.53	ug/l	89
56) Ethyl methacrylate	9.30	69	29068	18.81	ug/l	96
57) 1,3-Dichloropropane	9.66	76	40056	18.43	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.18	63	75918	103.12	ug/l	95
59) 2-Hexanone	9.78	43	87591	85.51	ug/l	96
60) Dibromochloromethane	9.95	129	42337	19.02	ug/l	94
61) 1,2-Dibromoethane	10.09	107	29066	18.05	ug/l	90
64) Tetrachloroethene	9.51	164	36934	19.00	ug/l	95
65) Chlorobenzene	10.72	112	80464	18.59	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.85	131	37651	19.85	ug/l	97
67) Ethyl Benzene	10.86	91	151440	19.43	ug/l	98
68) m/p-Xylenes	11.00	106	100518	40.32	ug/l	85
69) o-Xylene	11.40	106	47737	19.70	ug/l	95
70) Styrene	11.43	104	79608	19.57	ug/l	95
71) Bromoform	11.59	173	29697	20.78	ug/l #	98
73) Isopropylbenzene	11.77	105	154079	20.42	ug/l	99
74) N-amyl acetate	11.64	43	47049	19.49	ug/l	97
75) 1,1,1,2-Tetrachloroethane	12.08	83	28694	18.95	ug/l	96
76) 1,2,3-Trichloropropane	12.11	75	35272	20.32	ug/l	99
77) Bromobenzene	12.04	156	43025	19.56	ug/l	92
78) n-propylbenzene	12.15	91	185504	19.84	ug/l	98
79) 2-Chlorotoluene	12.21	91	108952	19.29	ug/l	93
80) 1,3,5-Trimethylbenzene	12.31	105	132222	21.03	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.84	75	8085	19.09	ug/l	95
82) 4-Chlorotoluene	12.32	91	132265	20.01	ug/l	90
83) tert-Butylbenzene	12.57	119	141537	20.12	ug/l	97
84) 1,2,4-Trimethylbenzene	12.62	105	127795	19.18	ug/l	99
85) sec-Butylbenzene	12.76	105	153074	19.59	ug/l	100
86) p-Isopropyltoluene	12.88	119	138011	20.71	ug/l	95
87) 1,3-Dichlorobenzene	12.84	146	72171	19.01	ug/l	94
88) 1,4-Dichlorobenzene	12.92	146	72848	19.24	ug/l	97
89) n-Butylbenzene	13.19	91	129176	19.12	ug/l	99
90) Hexachloroethane	13.39	117	34073	19.73	ug/l	88
91) 1,2-Dichlorobenzene	13.19	146	62657	19.60	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	13.77	75	6187	19.56	ug/l	78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	56316	19.58	ug/l	98
94) Hexachlorobutadiene	14.44	225	43317	19.42	ug/l	99
95) Naphthalene	14.52	128	80863	18.99	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	49869	19.82	ug/l	95

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

