

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080618\
 Data File : VD059692.D
 Acq On : 6 Aug 2018 13:59
 Operator : VA/AP
 Sample : VSTDIC005
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 07 04:01:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 03:58:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	203181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.67	114	254538	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	191716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	111044	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.99	65	12753	4.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.58%	
35) Dibromofluoromethane	5.52	113	11136	4.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.48%	
50) Toluene-d8	8.69	98	27281	5.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.68%	
62) 4-Bromofluorobenzene	11.91	95	12643	5.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.32	85	15864	5.60	ug/l	86
3) Chloromethane	1.47	50	6472	5.22	ug/l	92
4) Vinyl Chloride	1.54	62	7055	4.77	ug/l	96
5) Bromomethane	1.77	94	2433	4.70	ug/l	98
6) Chloroethane	1.86	64	2902	4.91	ug/l	93
7) Trichlorofluoromethane	2.06	101	12920	5.40	ug/l	92
8) Diethyl Ether	2.32	74	1884	4.22	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.53	101	6565	4.75	ug/l	92
10) Methyl Iodide	2.67	142	7502	4.76	ug/l	98
11) Tert butyl alcohol	3.25	59	1961	20.96	ug/l #	76
12) 1,1-Dichloroethene	2.52	96	4383	4.29	ug/l #	88
13) Acrolein	2.45	56	1930	21.61	ug/l #	79
14) Allyl chloride	2.89	41	10639	4.59	ug/l	96
15) Acrylonitrile	3.33	53	5891	21.91	ug/l	89
16) Acetone	2.59	43	10792	21.84	ug/l	95
17) Carbon Disulfide	2.73	76	16125	4.46	ug/l	98
18) Methyl Acetate	2.90	43	5889	6.66	ug/l #	84
19) Methyl tert-butyl Ether	3.38	73	17617	4.48	ug/l	100
20) Methylene Chloride	3.04	84	16088	8.73	ug/l #	86
21) trans-1,2-Dichloroethene	3.36	96	5414	3.91	ug/l	95
22) Diisopropyl ether	4.03	45	28047	5.30	ug/l	96
23) Vinyl Acetate	3.98	43	86036	26.03	ug/l #	95
24) 1,1-Dichloroethane	3.94	63	17700	4.96	ug/l #	88
25) 2-Butanone	4.81	43	16659	26.44	ug/l	93
26) 2,2-Dichloropropane	4.77	77	19275	4.98	ug/l	90
27) cis-1,2-Dichloroethene	4.77	96	10241	5.47	ug/l	95
28) Bromochloromethane	5.12	49	6412	4.85	ug/l #	81
29) Tetrahydrofuran	5.16	42	6356	25.78	ug/l	93
30) Chloroform	5.29	83	21955	5.10	ug/l	98
31) Cyclohexane	5.57	56	18557	7.15	ug/l #	85
32) 1,1,1-Trichloroethane	5.49	97	20729	4.91	ug/l	96
36) 1,1-Dichloropropene	5.72	75	14807	5.20	ug/l	94
37) Ethyl Acetate	4.89	43	6646	4.97	ug/l #	72
38) Carbon Tetrachloride	5.70	117	19268	5.00	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.25	83	12923	5.49	ug/l	87
40) Benzene	5.98	78	29586	5.39	ug/l	93
41) Methacrylonitrile	5.09	41	2969	4.58	ug/l	95
42) 1,2-Dichloroethane	6.10	62	16980	5.03	ug/l	99
43) Isopropyl Acetate	7.60	43	8952	5.05	ug/l	92
44) Trichloroethene	6.96	130	9813	4.90	ug/l	99
45) 1,2-Dichloropropane	7.34	63	7866	5.55	ug/l	100
46) Dibromomethane	7.44	93	5916	4.74	ug/l #	78
47) Bromodichloromethane	7.72	83	15278	4.78	ug/l	99
48) Methyl methacrylate	7.49	41	5677	4.83	ug/l	95
49) 1,4-Dioxane	7.47	88	433	47.39	ug/l #	25
51) 4-Methyl-2-Pentanone	8.58	43	31013	24.02	ug/l	92
52) Toluene	8.78	92	20773	6.01	ug/l	82
53) t-1,3-Dichloropropene	9.17	75	13044	4.82	ug/l	98
54) cis-1,3-Dichloropropene	8.34	75	14458	5.29	ug/l #	81
55) 1,1,2-Trichloroethane	9.43	97	7912	5.97	ug/l #	84
56) Ethyl methacrylate	9.30	69	6597	4.40	ug/l	93
57) 1,3-Dichloropropane	9.64	76	10183	4.78	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.17	63	17113	24.20	ug/l	97
59) 2-Hexanone	9.77	43	22342	22.86	ug/l	87
60) Dibromochloromethane	9.94	129	9376	4.35	ug/l	89
61) 1,2-Dibromoethane	10.07	107	7422	4.75	ug/l	95
64) Tetrachloroethene	9.49	164	10666	5.98	ug/l	89
65) Chlorobenzene	10.70	112	24823	6.38	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.83	131	9832	5.62	ug/l	95
67) Ethyl Benzene	10.84	91	42239	5.87	ug/l	99
68) m/p-Xylenes	11.00	106	27961	12.25	ug/l	90
69) o-Xylene	11.39	106	13550	6.05	ug/l	89
70) Styrene	11.42	104	22311	6.03	ug/l	93
71) Bromoform	11.59	173	6006	4.54	ug/l #	94
73) Isopropylbenzene	11.76	105	40220	5.35	ug/l	97
74) N-amyl acetate	11.63	43	11883	5.05	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.06	83	8019	5.48	ug/l	92
76) 1,2,3-Trichloropropane	12.10	75	8958	5.20	ug/l	99
77) Bromobenzene	12.03	156	12247	5.68	ug/l	80
78) n-propylbenzene	12.14	91	52273	5.62	ug/l	99
79) 2-Chlorotoluene	12.20	91	30222	5.39	ug/l	100
80) 1,3,5-Trimethylbenzene	12.31	105	36034	5.83	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.84	75	1808	4.20	ug/l	91
82) 4-Chlorotoluene	12.32	91	38207	5.83	ug/l	82
83) tert-Butylbenzene	12.56	119	37194	5.32	ug/l	98
84) 1,2,4-Trimethylbenzene	12.61	105	36777	5.61	ug/l	91
85) sec-Butylbenzene	12.75	105	43757	5.68	ug/l	98
86) p-Isopropyltoluene	12.88	119	34273	5.13	ug/l	90
87) 1,3-Dichlorobenzene	12.83	146	22137	5.86	ug/l	97
88) 1,4-Dichlorobenzene	12.92	146	20035	5.28	ug/l	98
89) n-Butylbenzene	13.18	91	38106	5.78	ug/l	98
90) Hexachloroethane	13.39	117	7905	4.53	ug/l	94
91) 1,2-Dichlorobenzene	13.18	146	19143	6.14	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.76	75	1306	4.07	ug/l	65

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	16147	5.77	ug/l	91
94) Hexachlorobutadiene	14.42	225	11957	5.47	ug/l	93
95) Naphthalene	14.51	128	22944	5.48	ug/l	98
96) 1,2,3-Trichlorobenzene	14.65	180	13270	5.30	ug/l	93

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

