

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060618\
 Data File : VD057964.D
 Acq On : 6 Jun 2018 21:39
 Operator : JC/SY
 Sample : VSTDICV050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICSVVD060618

Quant Time: Jun 07 08:57:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	981999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1318387	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.69	117	1038971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	534847	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	466150	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
35) Dibromofluoromethane	5.56	113	483976	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
50) Toluene-d8	8.71	98	1157506	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
62) 4-Bromofluorobenzene	11.93	95	485420	45.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.35	85	593309	45.02	ug/l	99
3) Chloromethane	1.49	50	300706	46.33	ug/l	100
4) Vinyl Chloride	1.56	62	318948	50.76	ug/l	100
5) Bromomethane	1.81	94	134541	54.64	ug/l	99
6) Chloroethane	1.90	64	127723	51.52	ug/l #	85
7) Trichlorofluoromethane	2.09	101	423839	49.35	ug/l	98
8) Diethyl Ether	2.36	74	89677	56.21	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.57	101	250622	48.92	ug/l	97
10) Methyl Iodide	2.70	142	342100	51.75	ug/l	94
11) Tert butyl alcohol	3.26	59	84674	321.96	ug/l	98
12) 1,1-Dichloroethene	2.56	96	195577	49.66	ug/l	99
13) Acrolein	2.48	56	89742	238.26	ug/l	91
14) Allyl chloride	2.93	41	458399	50.46	ug/l	97
15) Acrylonitrile	3.36	53	396587	257.76	ug/l	99
16) Acetone	2.62	43	350320	247.67	ug/l	97
17) Carbon Disulfide	2.76	76	740630	51.91	ug/l	97
18) Methyl Acetate	2.95	43	141927	51.87	ug/l	97
19) Methyl tert-butyl Ether	3.41	73	889761	51.34	ug/l	97
20) Methylene Chloride	3.08	84	211341	54.86	ug/l	96
21) trans-1,2-Dichloroethene	3.39	96	425025	48.45	ug/l	96
22) Diisopropyl ether	4.08	45	1806876	50.20	ug/l	97
23) Vinyl Acetate	4.03	43	4858754	261.27	ug/l	99
24) 1,1-Dichloroethane	3.98	63	951836	48.12	ug/l	98
25) 2-Butanone	4.84	43	824788	256.58	ug/l	98
26) 2,2-Dichloropropane	4.81	77	763536	46.86	ug/l	96
27) cis-1,2-Dichloroethene	4.81	96	504210	48.46	ug/l	99
28) Bromochloromethane	5.15	49	439463	51.33	ug/l	99
29) Tetrahydrofuran	5.19	42	444993	264.08	ug/l	98
30) Chloroform	5.33	83	992522	49.85	ug/l	98
31) Cyclohexane	5.60	56	745550	43.67	ug/l	99
32) 1,1,1-Trichloroethane	5.52	97	812483	48.74	ug/l	96
36) 1,1-Dichloropropene	5.76	75	679890	46.81	ug/l	96
37) Ethyl Acetate	4.93	43	405922	51.22	ug/l #	95
38) Carbon Tetrachloride	5.73	117	725474	50.68	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	686179	47.65	ug/l	97
40) Benzene	6.02	78	1572475	46.34	ug/l	99
41) Methacrylonitrile	5.14	41	218245	60.22	ug/l	98
42) 1,2-Dichloroethane	6.13	62	697521	50.84	ug/l	98
43) Isopropyl Acetate	7.62	43	536498	51.68	ug/l	100
44) Trichloroethene	6.99	130	489117	49.35	ug/l	97
45) 1,2-Dichloropropane	7.35	63	459262	48.70	ug/l	96
46) Dibromomethane	7.47	93	305215	50.38	ug/l	96
47) Bromodichloromethane	7.74	83	721306	50.85	ug/l	95
48) Methyl methacrylate	7.51	41	322909	50.54	ug/l	100
49) 1,4-Dioxane	7.50	88	54662	1032.66	ug/l	92
51) 4-Methyl-2-Pentanone	8.60	43	1703775	255.87	ug/l	100
52) Toluene	8.81	92	897091	46.07	ug/l	98
53) t-1,3-Dichloropropene	9.19	75	597989	48.93	ug/l	98
54) cis-1,3-Dichloropropene	8.36	75	702937	48.82	ug/l	94
55) 1,1,2-Trichloroethane	9.46	97	316785	50.26	ug/l	97
56) Ethyl methacrylate	9.31	69	403839	52.24	ug/l	97
57) 1,3-Dichloropropane	9.66	76	547187	49.50	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.19	63	919236	235.34	ug/l	99
59) 2-Hexanone	9.78	43	1270240	260.31	ug/l	98
60) Dibromochloromethane	9.96	129	475584	53.51	ug/l	100
61) 1,2-Dibromoethane	10.10	107	365739	50.46	ug/l	97
64) Tetrachloroethene	9.52	164	465399	50.11	ug/l	99
65) Chlorobenzene	10.73	112	1040143	49.45	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.84	131	401872	49.73	ug/l	98
67) Ethyl Benzene	10.85	91	1795591	47.25	ug/l	99
68) m/p-Xylenes	11.01	106	1183684	95.55	ug/l	96
69) o-Xylene	11.41	106	600155	48.81	ug/l	96
70) Styrene	11.44	104	997161	48.99	ug/l	97
71) Bromoform	11.60	173	346275	56.96	ug/l	98
73) Isopropylbenzene	11.77	105	1722972	48.64	ug/l	100
74) N-amyl acetate	11.64	43	704936	51.57	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.08	83	395577	51.22	ug/l	99
76) 1,2,3-Trichloropropane	12.10	75	394198	49.06	ug/l	99
77) Bromobenzene	12.04	156	520509	49.64	ug/l	94
78) n-propylbenzene	12.15	91	2136870	46.36	ug/l	100
79) 2-Chlorotoluene	12.21	91	1272661	48.39	ug/l	99
80) 1,3,5-Trimethylbenzene	12.32	105	1334397	48.30	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.84	75	112224	56.40	ug/l	90
82) 4-Chlorotoluene	12.32	91	1355104	53.19	ug/l	96
83) tert-Butylbenzene	12.58	119	1541441	49.41	ug/l	99
84) 1,2,4-Trimethylbenzene	12.63	105	1469752	49.48	ug/l	98
85) sec-Butylbenzene	12.75	105	1820364	48.35	ug/l	100
86) p-Isopropyltoluene	12.88	119	1455410	47.96	ug/l	98
87) 1,3-Dichlorobenzene	12.84	146	890553	50.21	ug/l	98
88) 1,4-Dichlorobenzene	12.92	146	805326	46.60	ug/l	94
89) n-Butylbenzene	13.20	91	1428326	52.47	ug/l	98
90) Hexachloroethane	13.39	117	396151	51.15	ug/l	66
91) 1,2-Dichlorobenzene	13.19	146	684794	47.77	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.77	75	66951	56.17	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	682846	50.99	ug/l	99
94) Hexachlorobutadiene	14.44	225	539016	51.17	ug/l	97
95) Naphthalene	14.52	128	876438	50.76	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	581836	50.98	ug/l	98

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

