

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060718\
 Data File : VD057971.D
 Acq On : 7 Jun 2018 14:57
 Operator : JC/SY
 Sample : J3320-02MS
 Misc : 5.97g/5ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S39-0177MS

Quant Time: Jun 08 06:47:43 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	5.64	168	911282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1174848	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	845535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	308832	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	379749	41.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.36%	
35) Dibromofluoromethane	5.55	113	446433	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	8.70	98	1076393	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
62) 4-Bromofluorobenzene	11.93	95	367684	39.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.36	85	583383	47.699	ug/l	100
3) Chloromethane	1.49	50	281857	46.792	ug/l	99
4) Vinyl Chloride	1.57	62	316512	54.284	ug/l	99
5) Bromomethane	1.81	94	157194	68.788	ug/l	98
6) Chloroethane	1.90	64	152678	66.370	ug/l #	87
7) Trichlorofluoromethane	2.10	101	451475	56.645	ug/l	97
8) Diethyl Ether	2.36	74	66231	44.732	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	2.58	101	245389	51.617	ug/l	96
10) Methyl Iodide	2.70	142	357159	58.224	ug/l	94
11) Tert butyl alcohol	3.27	59	45541	186.598	ug/l	95
12) 1,1-Dichloroethene	2.56	96	195490	53.488	ug/l	98
13) Acrolein	2.49	56	54269	155.264	ug/l	87
14) Allyl chloride	2.93	41	418851	49.680	ug/l	99
15) Acrylonitrile	3.36	53	260530	182.471	ug/l	98
16) Acetone	2.63	43	312086	237.764	ug/l	99
17) Carbon Disulfide	2.76	76	750154	56.658	ug/l	98
18) Methyl Acetate	2.95	43	111276	43.824	ug/l #	91
19) Methyl tert-butyl Ether	3.41	73	656686	40.834	ug/l	99
20) Methylene Chloride	3.08	84	180846	50.831	ug/l	96
21) trans-1,2-Dichloroethene	3.39	96	423846	52.066	ug/l	97
22) Diisopropyl ether	4.07	45	1573179	47.100	ug/l	97
23) Vinyl Acetate	4.02	43	3367783	195.147	ug/l	100
24) 1,1-Dichloroethane	3.98	63	913568	49.767	ug/l	99
25) 2-Butanone	4.84	43	534930	179.325	ug/l #	92
26) 2,2-Dichloropropane	4.80	77	763507	50.491	ug/l	89
27) cis-1,2-Dichloroethene	4.81	96	558868	57.885	ug/l	98
28) Bromochloromethane	5.15	49	377694	47.538	ug/l	99
29) Tetrahydrofuran	5.18	42	266679	170.542	ug/l	99
30) Chloroform	5.32	83	908981	49.201	ug/l	98
31) Cyclohexane	5.60	56	717320	45.280	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	814738	52.670	ug/l	97
36) 1,1-Dichloropropene	5.75	75	676405	52.257	ug/l	96
37) Ethyl Acetate	4.92	43	315561	44.680	ug/l	96
38) Carbon Tetrachloride	5.73	117	705566	55.310	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	577855	45.035	ug/l	97
40) Benzene	6.01	78	1498643	49.563	ug/l	99
41) Methacrylonitrile	5.13	41	138479	42.881	ug/l	92
42) 1,2-Dichloroethane	6.13	62	561880	45.960	ug/l	100
43) Isopropyl Acetate	7.61	43	354864	38.359	ug/l	100
44) Trichloroethene	6.98	130	472846	53.537	ug/l	100
45) 1,2-Dichloropropane	7.35	63	409797	48.762	ug/l	98
46) Dibromomethane	7.46	93	237088	43.916	ug/l	95
47) Bromodichloromethane	7.73	83	616659	48.784	ug/l	97
48) Methyl methacrylate	7.50	41	223442	39.242	ug/l	97
49) 1,4-Dioxane	7.48	88	30610	648.931	ug/l	92
51) 4-Methyl-2-Pentanone	8.59	43	1112153	187.429	ug/l	100
52) Toluene	8.80	92	856307	49.345	ug/l	99
53) t-1,3-Dichloropropene	9.18	75	501570	46.056	ug/l	98
54) cis-1,3-Dichloropropene	8.35	75	606790	47.294	ug/l	96
55) 1,1,2-Trichloroethane	9.45	97	232826	41.455	ug/l	96
56) Ethyl methacrylate	9.31	69	282831	41.054	ug/l	97
57) 1,3-Dichloropropane	9.65	76	424903	43.135	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.19	63	630567	181.163	ug/l	97
59) 2-Hexanone	9.78	43	798942	183.730	ug/l	98
60) Dibromochloromethane	9.95	129	345337	43.604	ug/l	98
61) 1,2-Dibromoethane	10.09	107	266136	41.205	ug/l	100
64) Tetrachloroethene	9.51	164	421171	55.717	ug/l	99
65) Chlorobenzene	10.72	112	843427	49.274	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.85	131	334620	50.881	ug/l	97
67) Ethyl Benzene	10.86	91	1613270	52.168	ug/l	99
68) m/p-Xylenes	11.01	106	1041100	103.270	ug/l	94
69) o-Xylene	11.40	106	482745	48.241	ug/l	100
70) Styrene	11.43	104	718732	43.387	ug/l	98
71) Bromoform	11.59	173	213494	43.154	ug/l	96
73) Isopropylbenzene	11.77	105	1423092	69.570	ug/l	99
74) N-amyl acetate	11.64	43	442142	56.015	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.07	83	240870	54.009	ug/l	97
76) 1,2,3-Trichloropropane	12.11	75	256521	55.295	ug/l	99
77) Bromobenzene	12.04	156	361108	59.639	ug/l	85
78) n-propylbenzene	12.14	91	1620777	60.891	ug/l	98
79) 2-Chlorotoluene	12.21	91	936664	61.683	ug/l	96
80) 1,3,5-Trimethylbenzene	12.31	105	1006899	63.118	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.84	75	64469	56.107	ug/l	90
82) 4-Chlorotoluene	12.32	91	988362	68.077	ug/l	94
83) tert-Butylbenzene	12.57	119	1132280	62.860	ug/l	91
84) 1,2,4-Trimethylbenzene	12.62	105	1043972	60.865	ug/l	98
85) sec-Butylbenzene	12.75	105	1240355	57.057	ug/l	96
86) p-Isopropyltoluene	12.88	119	1005717	57.400	ug/l	97
87) 1,3-Dichlorobenzene	12.83	146	521866	50.952	ug/l	97
88) 1,4-Dichlorobenzene	12.92	146	498282	49.931	ug/l	96
89) n-Butylbenzene	13.19	91	855449	54.604	ug/l	98
90) Hexachloroethane	13.39	117	265513	59.372	ug/l	81
91) 1,2-Dichlorobenzene	13.19	146	385442	46.567	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.77	75	35926	52.195	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	204459	26.440	ug/l	98
94) Hexachlorobutadiene	14.43	225	161876	26.613	ug/l	98
95) Naphthalene	14.51	128	281072	28.190	ug/l	100
96) 1,2,3-Trichlorobenzene	14.65	180	142035	21.552	ug/l	95

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

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