

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060618\
 Data File : VD057960.D
 Acq On : 6 Jun 2018 19:18
 Operator : JC/SY
 Sample : VSTDICCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 07 08:21:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:19:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	921603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	1244459	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	974340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	499686	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	448767	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	5.56	113	466059	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
50) Toluene-d8	8.71	98	1083651	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
62) 4-Bromofluorobenzene	11.93	95	477571	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.35	85	603876	48.82	ug/l	100
3) Chloromethane	1.49	50	278576	45.73	ug/l	100
4) Vinyl Chloride	1.56	62	287624	48.78	ug/l	100
5) Bromomethane	1.81	94	127845	55.32	ug/l	100
6) Chloroethane	1.90	64	129848	55.81	ug/l	100
7) Trichlorofluoromethane	2.09	101	413610	51.31	ug/l	100
8) Diethyl Ether	2.35	74	79265	52.94	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.57	101	250607	52.12	ug/l	100
10) Methyl Iodide	2.70	142	318001	51.26	ug/l	100
11) Tert butyl alcohol	3.27	59	70818	286.92	ug/l	100
12) 1,1-Dichloroethene	2.56	96	189768	51.34	ug/l	100
13) Acrolein	2.48	56	84700	239.61	ug/l	100
14) Allyl chloride	2.93	41	421789	49.47	ug/l	100
15) Acrylonitrile	3.36	53	353991	245.15	ug/l	100
16) Acetone	2.62	43	338090	254.69	ug/l	100
17) Carbon Disulfide	2.76	76	679916	50.78	ug/l	100
18) Methyl Acetate	2.94	43	117440	45.73	ug/l	100
19) Methyl tert-butyl Ether	3.41	73	824140	50.67	ug/l	100
20) Methylene Chloride	3.08	84	193302	42.61	ug/l	100
21) trans-1,2-Dichloroethene	3.39	96	417639	50.73	ug/l	100
22) Diisopropyl ether	4.08	45	1735884	51.39	ug/l	100
23) Vinyl Acetate	4.02	43	4678109	268.04	ug/l	100
24) 1,1-Dichloroethane	3.98	63	921040	49.61	ug/l	100
25) 2-Butanone	4.84	43	779615	258.42	ug/l	100
26) 2,2-Dichloropropane	4.80	77	769382	50.31	ug/l	100
27) cis-1,2-Dichloroethene	4.81	96	489482	50.13	ug/l	100
28) Bromochloromethane	5.16	49	408171	50.80	ug/l	100
29) Tetrahydrofuran	5.19	42	402107	254.27	ug/l	100
30) Chloroform	5.33	83	941816	50.41	ug/l	100
31) Cyclohexane	5.60	56	743301	46.39	ug/l	100
32) 1,1,1-Trichloroethane	5.52	97	788039	50.37	ug/l	100
36) 1,1-Dichloropropene	5.76	75	675591	49.27	ug/l	100
37) Ethyl Acetate	4.94	43	370241	49.49	ug/l	100
38) Carbon Tetrachloride	5.73	117	674659	49.93	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.29	83	692644	50.96	ug/l	100
40) Benzene	6.02	78	1589610	49.63	ug/l	100
41) Methacrylonitrile	5.14	41	175351	51.26	ug/l	100
42) 1,2-Dichloroethane	6.14	62	662783	51.18	ug/l	100
43) Isopropyl Acetate	7.62	43	506770	51.72	ug/l	100
44) Trichloroethene	6.99	130	480648	51.38	ug/l	100
45) 1,2-Dichloropropane	7.35	63	452549	50.84	ug/l	100
46) Dibromomethane	7.47	93	291707	51.01	ug/l	100
47) Bromodichloromethane	7.74	83	702667	52.48	ug/l	100
48) Methyl methacrylate	7.51	41	304560	50.50	ug/l	100
49) 1,4-Dioxane	7.50	88	50644	1013.59	ug/l	100
51) 4-Methyl-2-Pentanone	8.60	43	1605166	255.38	ug/l	100
52) Toluene	8.81	92	903312	49.14	ug/l	100
53) t-1,3-Dichloropropene	9.19	75	586510	50.84	ug/l	100
54) cis-1,3-Dichloropropene	8.36	75	713046	52.47	ug/l	100
55) 1,1,2-Trichloroethane	9.46	97	297740	50.05	ug/l	100
56) Ethyl methacrylate	9.32	69	377413	51.72	ug/l	100
57) 1,3-Dichloropropane	9.66	76	529180	50.72	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.20	63	911933	247.34	ug/l	100
59) 2-Hexanone	9.79	43	1172020	254.45	ug/l	100
60) Dibromochloromethane	9.96	129	441219	52.59	ug/l	100
61) 1,2-Dibromoethane	10.10	107	346343	50.62	ug/l	100
64) Tetrachloroethene	9.52	164	434294	49.86	ug/l	100
65) Chlorobenzene	10.73	112	980466	49.71	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.85	131	392823	51.84	ug/l	100
67) Ethyl Benzene	10.86	91	1768856	49.64	ug/l	100
68) m/p-Xylenes	11.01	106	1111634	95.69	ug/l	100
69) o-Xylene	11.41	106	573265	49.71	ug/l	100
70) Styrene	11.44	104	958350	50.20	ug/l	100
71) Bromoform	11.60	173	309782	54.34	ug/l	100
73) Isopropylbenzene	11.77	105	1651332	49.89	ug/l	100
74) N-amyl acetate	11.64	43	664397	52.02	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.08	83	361770	50.13	ug/l	100
76) 1,2,3-Trichloropropane	12.12	75	380984	50.76	ug/l	100
77) Bromobenzene	12.04	156	497364	50.77	ug/l	100
78) n-propylbenzene	12.15	91	2087435	48.47	ug/l	100
79) 2-Chlorotoluene	12.21	91	1227475	49.96	ug/l	100
80) 1,3,5-Trimethylbenzene	12.32	105	1238605	39.05	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.84	75	106735	57.41	ug/l	100
82) 4-Chlorotoluene	12.32	91	1259316	46.92	ug/l	100
83) tert-Butylbenzene	12.58	119	1467352	50.35	ug/l	100
84) 1,2,4-Trimethylbenzene	12.63	105	1399908	50.44	ug/l	100
85) sec-Butylbenzene	12.75	105	1744601	49.60	ug/l	100
86) p-Isopropyltoluene	12.88	119	1415547	49.93	ug/l	100
87) 1,3-Dichlorobenzene	12.84	146	822663	49.64	ug/l	100
88) 1,4-Dichlorobenzene	12.93	146	780094	48.31	ug/l	100
89) n-Butylbenzene	13.20	91	1370332	46.97	ug/l	100
90) Hexachloroethane	13.40	117	381678	52.75	ug/l	100
91) 1,2-Dichlorobenzene	13.20	146	625856	46.73	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.77	75	60854	54.64	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	642421	51.34	ug/l	100
94) Hexachlorobutadiene	14.44	225	511785	52.00	ug/l	100
95) Naphthalene	14.52	128	814503	50.49	ug/l	100
96) 1,2,3-Trichlorobenzene	14.65	180	546655	51.27	ug/l	100

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

