

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007373.D
 Acq On : 11 Dec 2018 00:05
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 4:55:37 PM

Quant Time: Dec 11 01:57:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 01:34:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	85668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	146830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	127569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59006	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	49806	59.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.94%	
35) Dibromofluoromethane	7.88	113	46772	54.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.48%	
50) Toluene-d8	10.32	98	176277	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.62	95	64367	46.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.82%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.01	85	26120	29.603	ug/l	100
3) Chloromethane	2.22	50	23294	21.609	ug/l	100
4) Vinyl Chloride	2.37	62	27951	39.156	ug/l	100
5) Bromomethane	2.78	94	19046	50.972	ug/l	100
6) Chloroethane	2.93	64	16304	40.515	ug/l	100
7) Trichlorofluoromethane	3.26	101	25443	19.542	ug/l	100
8) Diethyl Ether	3.68	74	22011	53.800	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	43160	49.236	ug/l	100
10) Methyl Iodide	4.26	142	72814	84.012	ug/l	100
11) Tert butyl alcohol	5.17	59	15575	170.160	ug/l	100
12) 1,1-Dichloroethene	4.03	96	41571	50.289	ug/l	100
13) Acrolein	3.89	56	10550	196.581	ug/l	100
14) Allyl chloride	4.66	41	61726	47.364	ug/l	100
15) Acrylonitrile	5.37	53	44489	264.106	ug/l	100
16) Acetone	4.12	43	42931	237.178	ug/l	100
17) Carbon Disulfide	4.38	76	124638	46.714	ug/l	100
18) Methyl Acetate	4.67	43	22812	52.523	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	65523	36.070	ug/l	100
20) Methylene Chloride	4.90	84	46935	41.989	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	47385	51.345	ug/l	100
22) Diisopropyl ether	6.31	45	122669	52.035	ug/l	100
23) Vinyl Acetate	6.25	43	349085	270.161	ug/l	100
24) 1,1-Dichloroethane	6.21	63	81234	53.013	ug/l	100
25) 2-Butanone	7.17	43	56890	261.825	ug/l	100
26) 2,2-Dichloropropane	7.17	77	52977	38.077	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	52855	53.129	ug/l	100
28) Bromochloromethane	7.51	49	30971	55.225	ug/l	100
29) Tetrahydrofuran	7.53	42	36302	267.373	ug/l	100
30) Chloroform	7.67	83	88543	55.058	ug/l	100
31) Cyclohexane	7.95	56	69616	44.640	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	76459	51.445	ug/l	100
36) 1,1-Dichloropropene	8.08	75	66479	47.279	ug/l	100
37) Ethyl Acetate	7.25	43	24270	47.690	ug/l	100
38) Carbon Tetrachloride	8.07	117	73280	50.246	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	80709	43.350	ug/l	100
40) Benzene	8.32	78	190307	48.999	ug/l	100
41) Methacrylonitrile	7.48	41	15146	49.882	ug/l	100
42) 1,2-Dichloroethane	8.40	62	59813	53.812	ug/l	100
43) Isopropyl Acetate	8.43	43	50989	51.149	ug/l	100
44) Trichloroethene	9.09	130	52916	48.654	ug/l	100
45) 1,2-Dichloropropane	9.37	63	44262	48.923	ug/l	100
46) Dibromomethane	9.46	93	24443	51.245	ug/l	100
47) Bromodichloromethane	9.64	83	66321	52.810	ug/l	100
48) Methyl methacrylate	9.44	41	26296	51.310	ug/l	100
49) 1,4-Dioxane	9.45	88	8142	992.708	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	121505	250.496	ug/l	100
52) Toluene	10.39	92	124012	46.338	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	63512	50.994	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	73822	50.685	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	33819	50.255	ug/l	100
56) Ethyl methacrylate	10.65	69	42035	48.780	ug/l	100
57) 1,3-Dichloropropane	10.93	76	55866	49.509	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	104021	287.423	ug/l	100
59) 2-Hexanone	10.97	43	80445	232.854	ug/l	100
60) Dibromochloromethane	11.13	129	43320	52.080	ug/l	100
61) 1,2-Dibromoethane	11.24	107	32453	50.615	ug/l	100
64) Tetrachloroethene	10.87	164	43715	47.707	ug/l	100
65) Chlorobenzene	11.66	112	131594	47.161	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	46216	52.467	ug/l	100
67) Ethyl Benzene	11.73	91	229882	45.294	ug/l	100
68) m/p-Xylenes	11.84	106	173751	87.806	ug/l	100
69) o-Xylene	12.17	106	86916	46.627	ug/l	100
70) Styrene	12.18	104	135733	44.830	ug/l	100
71) Bromoform	12.35	173	23690	53.867	ug/l #	100
73) Isopropylbenzene	12.46	105	230372	48.813	ug/l	100
74) N-amyl acetate	12.27	43	42858	51.538	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	37142	58.689	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	28209m	58.645	ug/l	
77) Bromobenzene	12.75	156	53437	51.573	ug/l	100
78) n-propylbenzene	12.80	91	270875	47.790	ug/l	100
79) 2-Chlorotoluene	12.90	91	165086	51.338	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	196406	48.602	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11424	54.596	ug/l	100
82) 4-Chlorotoluene	12.99	91	169190	49.445	ug/l	100
83) tert-Butylbenzene	13.21	119	176060	49.351	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	201255	48.667	ug/l	100
85) sec-Butylbenzene	13.39	105	227722	45.284	ug/l	100
86) p-Isopropyltoluene	13.51	119	217293	48.047	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	104218	49.204	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	101366	47.856	ug/l	100
89) n-Butylbenzene	13.83	91	198191	47.168	ug/l	100
90) Hexachloroethane	14.10	117	37500	53.838	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	90666	49.824	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7166	58.498	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	62869	49.843	ug/l	100
94) Hexachlorobutadiene	15.24	225	33512	49.162	ug/l	100
95) Naphthalene	15.37	128	128478	55.976	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	57279	53.039	ug/l	100

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

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