

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070718\
 Data File : VW003750.D
 Acq On : 07 Jul 2018 00:06
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 7/9/2018 10:26:05 AM

Quant Time: Jul 07 04:06:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 03:50:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	223441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	350799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	337368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	184373	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	145115	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
35) Dibromofluoromethane	7.88	113	123818	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	
50) Toluene-d8	10.32	98	484045	53.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.02%	
62) 4-Bromofluorobenzene	12.62	95	176592	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	55936	52.11	ug/l	100
3) Chloromethane	2.20	50	96775	53.81	ug/l	100
4) Vinyl Chloride	2.36	62	129963	53.09	ug/l	100
5) Bromomethane	2.78	94	90728	55.70	ug/l	100
6) Chloroethane	2.92	64	75353	51.24	ug/l	100
7) Trichlorofluoromethane	3.25	101	52050	41.50	ug/l	100
8) Diethyl Ether	3.67	74	50880	43.49	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	109161	50.58	ug/l	100
10) Methyl Iodide	4.26	142	162941	51.50	ug/l	100
11) Tert butyl alcohol	5.22	59	39720	238.81	ug/l	100
12) 1,1-Dichloroethene	4.03	96	107495	50.14	ug/l	100
13) Acrolein	3.89	56	53280	493.09	ug/l	100
14) Allyl chloride	4.65	41	186786	50.89	ug/l	100
15) Acrylonitrile	5.37	53	153218	270.94	ug/l	100
16) Acetone	4.14	43	137699	219.15	ug/l	100
17) Carbon Disulfide	4.37	76	340895	52.94	ug/l	100
18) Methyl Acetate	4.67	43	82580	52.93	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	234352	55.10	ug/l	100
20) Methylene Chloride	4.91	84	127307	43.76	ug/l	100
21) trans-1,2-Dichloroethene	5.41	96	124346	52.65	ug/l	100
22) Diisopropyl ether	6.31	45	419153	55.04	ug/l	100
23) Vinyl Acetate	6.26	43	1310415	282.34	ug/l	100
24) 1,1-Dichloroethane	6.21	63	237527	52.48	ug/l	100
25) 2-Butanone	7.18	43	215162	261.19	ug/l	100
26) 2,2-Dichloropropane	7.17	77	125582	46.08	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	135886	52.66	ug/l	100
28) Bromochloromethane	7.51	49	102339	51.75	ug/l	100
29) Tetrahydrofuran	7.54	42	139958	280.23	ug/l	100
30) Chloroform	7.68	83	241856	52.76	ug/l	100
31) Cyclohexane	7.95	56	203829	49.79	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	184628	51.92	ug/l	100
36) 1,1-Dichloropropene	8.08	75	190358	53.59	ug/l	100
37) Ethyl Acetate	7.26	43	95414	54.72	ug/l	100
38) Carbon Tetrachloride	8.07	117	178193	52.77	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	217055	53.38	ug/l	100
40) Benzene	8.32	78	537243	53.63	ug/l	100
41) Methacrylonitrile	7.49	41	55957	56.25	ug/l	100
42) 1,2-Dichloroethane	8.40	62	174515	54.96	ug/l	100
43) Isopropyl Acetate	8.43	43	184970	56.08	ug/l	100
44) Trichloroethene	9.09	130	134922	52.20	ug/l	100
45) 1,2-Dichloropropane	9.37	63	139733	53.64	ug/l	100
46) Dibromomethane	9.46	93	74947	55.15	ug/l	100
47) Bromodichloromethane	9.65	83	182262	54.48	ug/l	100
48) Methyl methacrylate	9.44	41	91511	58.36	ug/l	100
49) 1,4-Dioxane	9.48	88	23218	1096.64	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	503975	289.11	ug/l	100
52) Toluene	10.39	92	339889	54.46	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	190096	54.93	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	212499	54.32	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	104469	54.68	ug/l	100
56) Ethyl methacrylate	10.65	69	141901	58.96	ug/l	100
57) 1,3-Dichloropropane	10.93	76	185195	55.70	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	352580	329.77	ug/l	100
59) 2-Hexanone	10.98	43	353965	285.29	ug/l	100
60) Dibromochloromethane	11.13	129	124151	55.46	ug/l	100
61) 1,2-Dibromoethane	11.24	107	101912	55.52	ug/l	100
64) Tetrachloroethene	10.87	164	125962	54.24	ug/l	100
65) Chlorobenzene	11.66	112	374655	52.34	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	131897	52.80	ug/l	100
67) Ethyl Benzene	11.74	91	666953	53.37	ug/l	100
68) m/p-Xylenes	11.84	106	513690	107.88	ug/l	100
69) o-Xylene	12.17	106	239581	54.32	ug/l	100
70) Styrene	12.18	104	414778	55.96	ug/l	100
71) Bromoform	12.35	173	76652	54.78	ug/l #	100
73) Isopropylbenzene	12.47	105	655448	52.16	ug/l	100
74) N-amyl acetate	12.28	43	184045	54.86	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	131502	52.87	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	85221m	51.08	ug/l	
77) Bromobenzene	12.75	156	155755	51.58	ug/l	100
78) n-propylbenzene	12.81	91	819907	52.77	ug/l	100
79) 2-Chlorotoluene	12.90	91	460081	52.06	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	563795	52.90	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	40378	51.51	ug/l	100
82) 4-Chlorotoluene	12.99	91	496091	52.64	ug/l	100
83) tert-Butylbenzene	13.21	119	473879	52.81	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	586301	53.46	ug/l	100
85) sec-Butylbenzene	13.39	105	694741	52.13	ug/l	100
86) p-Isopropyltoluene	13.51	119	616680	52.83	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	316183	51.48	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	315759	51.42	ug/l	100
89) n-Butylbenzene	13.83	91	598641	51.98	ug/l	100
90) Hexachloroethane	14.10	117	112105	51.63	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	284909	51.79	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23274	53.54	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	198765	51.40	ug/l	100
94) Hexachlorobutadiene	15.24	225	109208	49.23	ug/l	100
95) Naphthalene	15.38	128	391641	55.43	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	180193	52.10	ug/l	100

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

