

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070218\
 Data File : VW003682.D
 Acq On : 02 Jul 2018 17:50
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 7/3/2018 10:16:34 AM

Quant Time: Jul 03 02:42:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 02:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	248279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	387698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	364533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	194635	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	146982	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
35) Dibromofluoromethane	7.88	113	129441	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
50) Toluene-d8	10.33	98	513661	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.62	95	187145	54.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	60034	72.12	ug/l	100
3) Chloromethane	2.21	50	101391	52.41	ug/l	100
4) Vinyl Chloride	2.36	62	137841	49.27	ug/l	100
5) Bromomethane	2.78	94	88559	47.93	ug/l	100
6) Chloroethane	2.92	64	80556	42.33	ug/l	100
7) Trichlorofluoromethane	3.25	101	70198	43.08	ug/l	100
8) Diethyl Ether	3.67	74	64883	52.36	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	117211	50.24	ug/l	100
10) Methyl Iodide	4.26	142	176800	50.23	ug/l	100
11) Tert butyl alcohol	5.22	59	44739	300.12	ug/l	100
12) 1,1-Dichloroethene	4.03	96	117745	51.29	ug/l	100
13) Acrolein	3.89	56	13913	76.15	ug/l	100
14) Allyl chloride	4.65	41	203385	51.44	ug/l	100
15) Acrylonitrile	5.37	53	151383	291.53	ug/l	100
16) Acetone	4.14	43	165591	283.49	ug/l	100
17) Carbon Disulfide	4.37	76	372829	54.29	ug/l	100
18) Methyl Acetate	4.67	43	69850	51.44	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	235445	54.69	ug/l	100
20) Methylene Chloride	4.91	84	131937	46.49	ug/l	100
21) trans-1,2-Dichloroethene	5.41	96	131750	52.58	ug/l	100
22) Diisopropyl ether	6.31	45	427139	53.49	ug/l	100
23) Vinyl Acetate	6.26	43	1360725	291.61	ug/l	100
24) 1,1-Dichloroethane	6.21	63	246109	51.93	ug/l	100
25) 2-Butanone	7.18	43	223132	304.74	ug/l	100
26) 2,2-Dichloropropane	7.17	77	145192	46.75	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	141168	51.78	ug/l	100
28) Bromochloromethane	7.51	49	109923	55.87	ug/l	100
29) Tetrahydrofuran	7.54	42	136578	304.06	ug/l	100
30) Chloroform	7.67	83	248256	51.61	ug/l	100
31) Cyclohexane	7.95	56	219347	49.38	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	193379	49.12	ug/l	100
36) 1,1-Dichloropropene	8.08	75	200274	52.51	ug/l	100
37) Ethyl Acetate	7.26	43	95665	59.17	ug/l	100
38) Carbon Tetrachloride	8.07	117	188012	50.68	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	236162	53.36	ug/l	100
40) Benzene	8.32	78	554254	52.70	ug/l	100
41) Methacrylonitrile	7.49	41	55057	56.21	ug/l	100
42) 1,2-Dichloroethane	8.40	62	173389	52.68	ug/l	100
43) Isopropyl Acetate	8.43	43	181260	57.09	ug/l	100
44) Trichloroethene	9.09	130	140498	50.86	ug/l	100
45) 1,2-Dichloropropane	9.37	63	142073	53.07	ug/l	100
46) Dibromomethane	9.46	93	74334	54.01	ug/l	100
47) Bromodichloromethane	9.65	83	185167	52.78	ug/l	100
48) Methyl methacrylate	9.44	41	89178	59.58	ug/l	100
49) 1,4-Dioxane	9.48	88	23972	1151.23	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	487173	299.17	ug/l	100
52) Toluene	10.39	92	354067	52.60	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	196559	54.71	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	223242	54.51	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	104813	54.07	ug/l	100
56) Ethyl methacrylate	10.65	69	139864	59.02	ug/l	100
57) 1,3-Dichloropropane	10.93	76	184287	55.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	281865	269.80	ug/l	100
59) 2-Hexanone	10.98	43	350238	307.24	ug/l	100
60) Dibromochloromethane	11.13	129	123155	53.74	ug/l	100
61) 1,2-Dibromoethane	11.24	107	100590	54.84	ug/l	100
64) Tetrachloroethene	10.87	164	122510	49.83	ug/l	100
65) Chlorobenzene	11.66	112	383843	50.13	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	136279	50.72	ug/l	100
67) Ethyl Benzene	11.74	91	698461	51.41	ug/l	100
68) m/p-Xylenes	11.84	106	531756	102.95	ug/l	100
69) o-Xylene	12.17	106	245430	51.45	ug/l	100
70) Styrene	12.18	104	424112	53.15	ug/l	100
71) Bromoform	12.35	173	75700	53.97	ug/l	100
73) Isopropylbenzene	12.47	105	683876	50.32	ug/l	100
74) N-amyl acetate	12.28	43	180588	57.03	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	128037	54.56	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	86574m	51.35	ug/l	
77) Bromobenzene	12.75	156	161393	50.77	ug/l	100
78) n-propylbenzene	12.81	91	851977	51.04	ug/l	100
79) 2-Chlorotoluene	12.90	91	479284	50.81	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	580119	50.80	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	42132	56.78	ug/l	100
82) 4-Chlorotoluene	12.99	91	503196	50.31	ug/l	100
83) tert-Butylbenzene	13.21	119	492788	50.69	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	604674	51.36	ug/l	100
85) sec-Butylbenzene	13.39	105	730306	50.49	ug/l	100
86) p-Isopropyltoluene	13.51	119	643307	50.54	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	323331	49.67	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	321889	49.70	ug/l	100
89) n-Butylbenzene	13.83	91	632151	50.84	ug/l	100
90) Hexachloroethane	14.10	117	115986	50.30	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	288369	50.47	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22274	56.33	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	204766	51.02	ug/l	100
94) Hexachlorobutadiene	15.25	225	117131	48.90	ug/l	100
95) Naphthalene	15.38	128	387748	56.26	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	181364	51.23	ug/l	100

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

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