

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070218\
 Data File : VW003686.D
 Acq On : 02 Jul 2018 20:00
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW070218

Manual Integrations
 APPROVED

apatel
 7/3/2018 10:16:56 AM

Quant Time: Jul 03 08:58:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 08:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	257498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	408162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	379465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	201237	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	159685	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
35) Dibromofluoromethane	7.88	113	137424	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
50) Toluene-d8	10.33	98	552844	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.62	95	199305	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	71930	51.42	ug/l	98
3) Chloromethane	2.21	50	108410	52.85	ug/l	100
4) Vinyl Chloride	2.36	62	142089	50.77	ug/l	100
5) Bromomethane	2.78	94	93707	51.07	ug/l	94
6) Chloroethane	2.92	64	85497	50.77	ug/l	99
7) Trichlorofluoromethane	3.25	101	68902	46.30	ug/l	96
8) Diethyl Ether	3.67	74	70410	51.13	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	125372	50.69	ug/l	99
10) Methyl Iodide	4.26	142	187747	51.70	ug/l	99
11) Tert butyl alcohol	5.21	59	46203	240.52	ug/l	99
12) 1,1-Dichloroethene	4.03	96	124329	50.44	ug/l	99
13) Acrolein	3.89	56	13165	141.24	ug/l	92
14) Allyl chloride	4.65	41	219694	52.11	ug/l	98
15) Acrylonitrile	5.37	53	163107	255.40	ug/l	99
16) Acetone	4.14	43	168182	229.50	ug/l	99
17) Carbon Disulfide	4.37	76	398922	53.91	ug/l	98
18) Methyl Acetate	4.67	43	75239	47.30	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	252989	52.54	ug/l	100
20) Methylene Chloride	4.92	84	138923	49.45	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	138536	51.32	ug/l	96
22) Diisopropyl ether	6.31	45	448668	51.91	ug/l	98
23) Vinyl Acetate	6.26	43	1441417	246.19	ug/l	99
24) 1,1-Dichloroethane	6.21	63	259110	50.27	ug/l	98
25) 2-Butanone	7.18	43	228930	243.98	ug/l	99
26) 2,2-Dichloropropane	7.17	77	145974	46.19	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	149403	50.82	ug/l	99
28) Bromochloromethane	7.51	49	113904	50.27	ug/l	100
29) Tetrahydrofuran	7.54	42	145498	258.67	ug/l	100
30) Chloroform	7.68	83	258243	49.55	ug/l	95
31) Cyclohexane	7.95	56	239036	50.93	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	204525	50.41	ug/l	99
36) 1,1-Dichloropropene	8.08	75	211381	51.59	ug/l	100
37) Ethyl Acetate	7.26	43	101806	51.05	ug/l	100
38) Carbon Tetrachloride	8.07	117	196586	50.44	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	255652	54.18	ug/l	97
40) Benzene	8.32	78	585804	50.87	ug/l	100
41) Methacrylonitrile	7.49	41	59473	52.46	ug/l	97
42) 1,2-Dichloroethane	8.40	62	182534	50.34	ug/l	100
43) Isopropyl Acetate	8.43	43	195712	52.10	ug/l	99
44) Trichloroethene	9.09	130	151151	50.77	ug/l	97
45) 1,2-Dichloropropane	9.37	63	150957	50.53	ug/l	99
46) Dibromomethane	9.46	93	78495	50.59	ug/l	99
47) Bromodichloromethane	9.65	83	192049	50.08	ug/l	99
48) Methyl methacrylate	9.44	41	94245	47.65	ug/l	99
49) 1,4-Dioxane	9.46	88	25891	1063.82	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	514900	260.15	ug/l	99
52) Toluene	10.39	92	371906	51.75	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	204607	51.42	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	230383	51.07	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	109232	49.97	ug/l	98
56) Ethyl methacrylate	10.65	69	146842	47.53	ug/l	99
57) 1,3-Dichloropropane	10.93	76	191418	50.41	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	280657	240.22	ug/l	99
59) 2-Hexanone	10.98	43	360734	254.96	ug/l	99
60) Dibromochloromethane	11.13	129	128331	50.22	ug/l	100
61) 1,2-Dibromoethane	11.24	107	105291	50.29	ug/l	100
64) Tetrachloroethene	10.87	164	131705	51.35	ug/l	95
65) Chlorobenzene	11.66	112	401907	50.38	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	140817	50.51	ug/l	98
67) Ethyl Benzene	11.74	91	730949	52.29	ug/l	98
68) m/p-Xylenes	11.85	106	559446	105.25	ug/l	100
69) o-Xylene	12.17	106	259021	52.71	ug/l	100
70) Styrene	12.19	104	439458	53.25	ug/l	99
71) Bromoform	12.35	173	78039	50.37	ug/l #	100
73) Isopropylbenzene	12.47	105	720133	52.61	ug/l	100
74) N-amyl acetate	12.28	43	193025	53.40	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	133538	49.87	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	106451m	58.83	ug/l	
77) Bromobenzene	12.75	156	166288	50.62	ug/l	99
78) n-propylbenzene	12.81	91	894473	52.89	ug/l	100
79) 2-Chlorotoluene	12.90	91	495911	51.53	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	611838	52.84	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	43669	51.14	ug/l	99
82) 4-Chlorotoluene	12.99	91	531934	52.07	ug/l	99
83) tert-Butylbenzene	13.21	119	518322	53.06	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	630022	52.85	ug/l	99
85) sec-Butylbenzene	13.39	105	768178	52.85	ug/l	100
86) p-Isopropyltoluene	13.51	119	675691	53.15	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	337778	50.66	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	333996	50.13	ug/l	99
89) n-Butylbenzene	13.83	91	668854	53.21	ug/l	99
90) Hexachloroethane	14.10	117	119789	50.72	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	302710	50.78	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23619	50.63	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	217373	51.71	ug/l	99
94) Hexachlorobutadiene	15.25	225	123622	50.92	ug/l	99
95) Naphthalene	15.38	128	409746	53.75	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	192084	51.30	ug/l	99

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

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