

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070718\
 Data File : VW003752.D
 Acq On : 07 Jul 2018 00:58
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 7/9/2018 10:26:12 AM

Quant Time: Jul 07 04:18:33 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	228929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	367194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	349287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	181656	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	293316	105.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	211.54%	
35) Dibromofluoromethane	7.88	113	258169	106.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.52%	
50) Toluene-d8	10.32	98	1017395	107.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.90%	
62) 4-Bromofluorobenzene	12.62	95	368331	108.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	216.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	112058	101.89	ug/l	96
3) Chloromethane	2.20	50	180551	97.99	ug/l	95
4) Vinyl Chloride	2.36	62	252926	100.84	ug/l	99
5) Bromomethane	2.77	94	179344	107.46	ug/l	99
6) Chloroethane	2.91	64	163777	108.69	ug/l	99
7) Trichlorofluoromethane	3.24	101	97021	75.50	ug/l	99
8) Diethyl Ether	3.67	74	120151	100.25	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.04	101	175752	79.48	ug/l	100
10) Methyl Iodide	4.26	142	333743	102.95	ug/l	100
11) Tert butyl alcohol	5.22	59	84300	494.68	ug/l #	83
12) 1,1-Dichloroethene	4.03	96	177187	80.66	ug/l	97
13) Acrolein	3.89	56	80455	726.73	ug/l	99
14) Allyl chloride	4.65	41	386902	102.88	ug/l	98
15) Acrylonitrile	5.37	53	297983	514.31	ug/l	99
16) Acetone	4.15	43	226079	351.18	ug/l	99
17) Carbon Disulfide	4.37	76	688020	104.29	ug/l	99
18) Methyl Acetate	4.67	43	147892	92.52	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	465135	106.75	ug/l	99
20) Methylene Chloride	4.90	84	247563	83.05	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	255961	105.78	ug/l	98
22) Diisopropyl ether	6.31	45	848500	108.74	ug/l	98
23) Vinyl Acetate	6.26	43	2685717	564.78	ug/l	100
24) 1,1-Dichloroethane	6.21	63	488465	105.33	ug/l	100
25) 2-Butanone	7.18	43	418375	495.69	ug/l	99
26) 2,2-Dichloropropane	7.17	77	248008	88.82	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	284574	107.64	ug/l	98
28) Bromochloromethane	7.51	49	212829	105.05	ug/l	99
29) Tetrahydrofuran	7.54	42	272853	533.22	ug/l	99
30) Chloroform	7.68	83	491486	104.64	ug/l	99
31) Cyclohexane	7.95	56	409537	97.64	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	368570	101.16	ug/l	99
36) 1,1-Dichloropropene	8.08	75	383270	103.09	ug/l	100
37) Ethyl Acetate	7.26	43	188031	103.03	ug/l	99
38) Carbon Tetrachloride	8.07	117	356881	100.97	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	446627	104.93	ug/l	99
40) Benzene	8.32	78	1102789	105.18	ug/l	98
41) Methacrylonitrile	7.49	41	111512	107.10	ug/l	99
42) 1,2-Dichloroethane	8.40	62	342296	102.99	ug/l	99
43) Isopropyl Acetate	8.43	43	371997	107.75	ug/l	99
44) Trichloroethene	9.09	130	275842	101.96	ug/l	99
45) 1,2-Dichloropropane	9.37	63	288482	105.81	ug/l	100
46) Dibromomethane	9.46	93	146676	103.11	ug/l	99
47) Bromodichloromethane	9.65	83	371801	106.18	ug/l	100
48) Methyl methacrylate	9.44	41	181854	110.80	ug/l	99
49) 1,4-Dioxane	9.48	88	47175	2128.70	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	976155	534.97	ug/l	100
52) Toluene	10.39	92	696080	106.54	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	390223	107.73	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	439518	107.34	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	206915	103.46	ug/l	96
56) Ethyl methacrylate	10.65	69	288982	114.72	ug/l	99
57) 1,3-Dichloropropane	10.93	76	370933	106.58	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	713779	637.80	ug/l	100
59) 2-Hexanone	10.98	43	676693	521.05	ug/l	99
60) Dibromochloromethane	11.13	129	249152	106.33	ug/l	99
61) 1,2-Dibromoethane	11.24	107	198926	103.53	ug/l	99
64) Tetrachloroethene	10.87	164	252336	104.96	ug/l	99
65) Chlorobenzene	11.66	112	758880	102.41	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	270119	104.44	ug/l	99
67) Ethyl Benzene	11.74	91	1376295	106.38	ug/l	100
68) m/p-Xylenes	11.84	106	1031739	209.28	ug/l	100
69) o-Xylene	12.17	106	490627	107.45	ug/l	100
70) Styrene	12.19	104	841693	109.68	ug/l	100
71) Bromoform	12.35	173	151422	104.52	ug/l #	99
73) Isopropylbenzene	12.47	105	1333053	107.66	ug/l	100
74) N-amyl acetate	12.28	43	369096	111.66	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	246946	100.77	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	164536m	100.09	ug/l	
77) Bromobenzene	12.75	156	313165	105.27	ug/l	97
78) n-propylbenzene	12.81	91	1632182	106.63	ug/l	100
79) 2-Chlorotoluene	12.90	91	925215	106.27	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1123306	106.98	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	79163	102.49	ug/l	96
82) 4-Chlorotoluene	12.99	91	966446	104.09	ug/l	99
83) tert-Butylbenzene	13.21	119	943972	106.77	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1150649	106.48	ug/l	99
85) sec-Butylbenzene	13.39	105	1378540	104.99	ug/l	100
86) p-Isopropyltoluene	13.51	119	1227060	106.69	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	614779	101.60	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	606670	100.28	ug/l	100
89) n-Butylbenzene	13.83	91	1192707	105.12	ug/l	100
90) Hexachloroethane	14.10	117	224294	104.83	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	553227	102.07	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	43334	101.19	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	390773	102.56	ug/l	100
94) Hexachlorobutadiene	15.24	225	215637	98.65	ug/l	97
95) Naphthalene	15.38	128	760606	109.25	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	347974	102.12	ug/l	100

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

