

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101618\
 Data File : VW006071.D
 Acq On : 16 Oct 2018 11:39
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 10/17/2018 10:04:41 AM

Quant Time: Oct 16 14:51:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	305245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	429285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	388720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	221835	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	119682	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
35) Dibromofluoromethane	7.89	113	127280	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	10.33	98	489029	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.62	95	184617	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	78975	52.283	ug/l	97
3) Chloromethane	2.22	50	95462	49.096	ug/l	100
4) Vinyl Chloride	2.37	62	144937	52.196	ug/l	100
5) Bromomethane	2.79	94	125932	49.862	ug/l	98
6) Chloroethane	2.93	64	96785	48.637	ug/l	98
7) Trichlorofluoromethane	3.26	101	137422	53.125	ug/l	99
8) Diethyl Ether	3.68	74	59847	43.533	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	141319	52.130	ug/l	99
10) Methyl Iodide	4.27	142	234014	51.864	ug/l	100
11) Tert butyl alcohol	5.20	59	39744	233.517	ug/l	100
12) 1,1-Dichloroethene	4.04	96	128999	50.579	ug/l	96
13) Acrolein	3.90	56	41027	249.119	ug/l	98
14) Allyl chloride	4.67	41	187729	51.479	ug/l	99
15) Acrylonitrile	5.37	53	115369	233.970	ug/l	99
16) Acetone	4.14	43	136502	289.876	ug/l	98
17) Carbon Disulfide	4.38	76	405638	52.699	ug/l	99
18) Methyl Acetate	4.67	43	56341	44.240	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	186388	47.982	ug/l	98
20) Methylene Chloride	4.92	84	129542	48.323	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	144812	50.869	ug/l	99
22) Diisopropyl ether	6.32	45	360222	49.986	ug/l	98
23) Vinyl Acetate	6.26	43	1034338	243.208	ug/l	99
24) 1,1-Dichloroethane	6.22	63	234949	50.526	ug/l	99
25) 2-Butanone	7.18	43	161457	236.168	ug/l	100
26) 2,2-Dichloropropane	7.17	77	173704	52.964	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	155741	49.575	ug/l	98
28) Bromochloromethane	7.51	49	95867	53.402	ug/l	99
29) Tetrahydrofuran	7.53	42	94394	224.627	ug/l	100
30) Chloroform	7.68	83	254365	50.208	ug/l	100
31) Cyclohexane	7.96	56	227707	49.173	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	237635	51.999	ug/l	99
36) 1,1-Dichloropropene	8.09	75	205801	52.012	ug/l	100
37) Ethyl Acetate	7.26	43	69718	47.424	ug/l	99
38) Carbon Tetrachloride	8.07	117	231614	53.396	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	280178	53.269	ug/l	99
40) Benzene	8.33	78	557537	51.368	ug/l	99
41) Methacrylonitrile	7.49	41	41342	46.649	ug/l	97
42) 1,2-Dichloroethane	8.40	62	158539	49.717	ug/l	100
43) Isopropyl Acetate	8.43	43	143030	47.584	ug/l	99
44) Trichloroethene	9.09	130	173256	52.030	ug/l	98
45) 1,2-Dichloropropane	9.37	63	130218	50.137	ug/l	98
46) Dibromomethane	9.46	93	72909	49.253	ug/l	98
47) Bromodichloromethane	9.65	83	183368	51.093	ug/l	99
48) Methyl methacrylate	9.44	41	67962	47.699	ug/l	99
49) 1,4-Dioxane	9.47	88	21551	945.684	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	350875	232.979	ug/l	100
52) Toluene	10.39	92	373189	51.286	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	185353	51.836	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	212335	51.740	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	101867	49.175	ug/l	99
56) Ethyl methacrylate	10.65	69	123441	48.608	ug/l	98
57) 1,3-Dichloropropane	10.94	76	167551	48.860	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	219994	226.709	ug/l	99
59) 2-Hexanone	10.98	43	258813	240.742	ug/l	99
60) Dibromochloromethane	11.13	129	132665	51.415	ug/l	100
61) 1,2-Dibromoethane	11.24	107	102256	49.403	ug/l	99
64) Tetrachloroethene	10.87	164	153987	51.029	ug/l	99
65) Chlorobenzene	11.66	112	426892	51.301	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	156603	52.956	ug/l	99
67) Ethyl Benzene	11.74	91	757231	52.508	ug/l	99
68) m/p-Xylenes	11.85	106	600531	105.356	ug/l	100
69) o-Xylene	12.17	106	283989	52.278	ug/l	99
70) Styrene	12.19	104	459832	52.055	ug/l	100
71) Bromoform	12.35	173	83152	50.412	ug/l	98
73) Isopropylbenzene	12.47	105	809816	51.673	ug/l	100
74) N-amyl acetate	12.28	43	146129	48.007	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	114615	48.084	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	74162m	43.769	ug/l	
77) Bromobenzene	12.75	156	194841	50.759	ug/l	99
78) n-propylbenzene	12.81	91	950266	52.118	ug/l	100
79) 2-Chlorotoluene	12.90	91	526193	51.364	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	681828	51.607	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	36148	50.997	ug/l	98
82) 4-Chlorotoluene	12.99	91	562032	52.373	ug/l	100
83) tert-Butylbenzene	13.21	119	618019	52.283	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	694304	51.933	ug/l	100
85) sec-Butylbenzene	13.39	105	876488	52.486	ug/l	100
86) p-Isopropyltoluene	13.51	119	794251	52.583	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	391177	51.205	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	386309	50.788	ug/l	99
89) n-Butylbenzene	13.83	91	733759	53.118	ug/l	99
90) Hexachloroethane	14.10	117	136986	53.542	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	342930	50.325	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19942	46.728	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	261931	49.956	ug/l	100
94) Hexachlorobutadiene	15.24	225	170905	51.888	ug/l	99
95) Naphthalene	15.38	128	415257	47.609	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	223588	49.301	ug/l	100

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

