

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005101.D
 Acq On : 05 Sep 2018 01:44
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 9/5/2018 10:02:52 AM

Quant Time: Sep 05 05:21:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	462206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	653433	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	663193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	379421	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	188153	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	7.89	113	189836	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
50) Toluene-d8	10.33	98	923430	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
62) 4-Bromofluorobenzene	12.62	95	335644	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	163924	44.01	ug/l	99
3) Chloromethane	2.22	50	247935	45.87	ug/l	100
4) Vinyl Chloride	2.36	62	244731	46.56	ug/l	98
5) Bromomethane	2.76	94	174872	55.36	ug/l	95
6) Chloroethane	2.92	64	155585	47.56	ug/l	96
7) Trichlorofluoromethane	3.26	101	274742	46.47	ug/l	98
8) Diethyl Ether	3.68	74	101352	47.38	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	187309	46.12	ug/l	98
10) Methyl Iodide	4.28	142	257781	43.05	ug/l	100
11) Tert butyl alcohol	5.17	59	71911	335.86	ug/l	98
12) 1,1-Dichloroethene	4.04	96	174246	46.62	ug/l	99
13) Acrolein	3.90	56	89215	358.74	ug/l	99
14) Allyl chloride	4.68	41	271781	46.52	ug/l	98
15) Acrylonitrile	5.37	53	248415	275.31	ug/l	99
16) Acetone	4.12	43	213514	277.87	ug/l	97
17) Carbon Disulfide	4.39	76	637160	48.92	ug/l	100
18) Methyl Acetate	4.68	43	160570	71.04	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	473884	52.22	ug/l	99
20) Methylene Chloride	4.92	84	286965	55.73	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	211988	46.55	ug/l	98
22) Diisopropyl ether	6.32	45	616492	50.15	ug/l	99
23) Vinyl Acetate	6.26	43	1529805	236.90	ug/l	98
24) 1,1-Dichloroethane	6.23	63	357509	46.52	ug/l	100
25) 2-Butanone	7.18	43	358766	269.19	ug/l	99
26) 2,2-Dichloropropane	7.18	77	276199	43.74	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	236571	47.49	ug/l	99
28) Bromochloromethane	7.52	49	172799	55.87	ug/l	96
29) Tetrahydrofuran	7.54	42	186225	273.46	ug/l	98
30) Chloroform	7.68	83	366358	46.71	ug/l	98
31) Cyclohexane	7.96	56	340283	45.22	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	323572	47.37	ug/l	100
36) 1,1-Dichloropropene	8.09	75	304969	49.00	ug/l	99
37) Ethyl Acetate	7.26	43	122556	52.66	ug/l	100
38) Carbon Tetrachloride	8.07	117	288904	48.82	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	379179	50.38	ug/l	99
40) Benzene	8.33	78	939572	49.32	ug/l	100
41) Methacrylonitrile	7.49	41	71660	53.14	ug/l	92
42) 1,2-Dichloroethane	8.41	62	231115	49.57	ug/l	99
43) Isopropyl Acetate	8.43	43	219232	51.77	ug/l	99
44) Trichloroethene	9.10	130	252417	49.11	ug/l	92
45) 1,2-Dichloropropane	9.37	63	231130	49.66	ug/l	99
46) Dibromomethane	9.46	93	114679	51.53	ug/l	100
47) Bromodichloromethane	9.65	83	280640	50.08	ug/l	97
48) Methyl methacrylate	9.44	41	117313	57.53	ug/l	100
49) 1,4-Dioxane	9.45	88	48221	1339.85	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	860224	303.07	ug/l	99
52) Toluene	10.39	92	670246	51.92	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	287743	52.26	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	341973	51.07	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	180182	52.29	ug/l	97
56) Ethyl methacrylate	10.65	69	232915	59.25	ug/l	99
57) 1,3-Dichloropropane	10.94	76	299422	52.78	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	573149	307.69	ug/l	99
59) 2-Hexanone	10.98	43	610481	318.00	ug/l	99
60) Dibromochloromethane	11.13	129	207888	53.37	ug/l	100
61) 1,2-Dibromoethane	11.24	107	166684	53.58	ug/l	100
64) Tetrachloroethene	10.87	164	265358	51.00	ug/l	95
65) Chlorobenzene	11.66	112	748370	50.12	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	227839	49.94	ug/l	99
67) Ethyl Benzene	11.74	91	1290309	51.12	ug/l	99
68) m/p-Xylenes	11.85	106	1053750	104.27	ug/l	100
69) o-Xylene	12.17	106	490377	52.48	ug/l	98
70) Styrene	12.19	104	836065	54.17	ug/l	99
71) Bromoform	12.35	173	132193	54.67	ug/l	98
73) Isopropylbenzene	12.47	105	1307304	48.87	ug/l	100
74) N-amyl acetate	12.28	43	232187	50.40	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	213319	52.38	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	135533m	47.59	ug/l	
77) Bromobenzene	12.75	156	324241	49.19	ug/l	99
78) n-propylbenzene	12.81	91	1590544	49.25	ug/l	100
79) 2-Chlorotoluene	12.90	91	916908	48.66	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1158022	50.05	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	61026	51.57	ug/l	99
82) 4-Chlorotoluene	12.99	91	974354	48.97	ug/l	100
83) tert-Butylbenzene	13.21	119	968044	50.10	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1190032	50.51	ug/l	100
85) sec-Butylbenzene	13.39	105	1397932	49.23	ug/l	99
86) p-Isopropyltoluene	13.51	119	1276016	50.77	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	664089	49.04	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	663074	49.36	ug/l	100
89) n-Butylbenzene	13.83	91	1178717	50.60	ug/l	100
90) Hexachloroethane	14.10	117	198427	47.53	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	604228	51.20	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	36144	56.79	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	436582	55.17	ug/l	100
94) Hexachlorobutadiene	15.24	225	257112	52.24	ug/l	99
95) Naphthalene	15.38	128	756993	54.91	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	388808	57.41	ug/l	99

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

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