

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004857.D
 Acq On : 21 Aug 2018 22:02
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 8/22/2018 11:25:26 AM

Quant Time: Aug 22 07:06:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	645632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	976676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	915117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	480030	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	309373	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
35) Dibromofluoromethane	7.88	113	312476	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
50) Toluene-d8	10.33	98	1233471	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.62	95	450059	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	187560	43.86	ug/l	98
3) Chloromethane	2.22	50	242265	43.33	ug/l	100
4) Vinyl Chloride	2.37	62	406869	49.43	ug/l	98
5) Bromomethane	2.78	94	246453	48.48	ug/l	98
6) Chloroethane	2.93	64	247252	49.79	ug/l	100
7) Trichlorofluoromethane	3.26	101	181913	46.92	ug/l	100
8) Diethyl Ether	3.68	74	181678	51.82	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	334224	50.06	ug/l	100
10) Methyl Iodide	4.27	142	521417	51.42	ug/l	100
11) Tert butyl alcohol	5.21	59	84176	241.38	ug/l	99
12) 1,1-Dichloroethene	4.04	96	327535	49.23	ug/l	97
13) Acrolein	3.90	56	159834	341.55	ug/l	98
14) Allyl chloride	4.67	41	523772	51.87	ug/l	100
15) Acrylonitrile	5.38	53	381067	259.19	ug/l	100
16) Acetone	4.14	43	353974	222.15	ug/l	98
17) Carbon Disulfide	4.38	76	1071600	49.01	ug/l	100
18) Methyl Acetate	4.68	43	180468	52.85	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	468417	54.23	ug/l	98
20) Methylene Chloride	4.91	84	372735	51.35	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	361716	51.10	ug/l	98
22) Diisopropyl ether	6.32	45	1076461	55.47	ug/l	96
23) Vinyl Acetate	6.26	43	2953415	269.05	ug/l	99
24) 1,1-Dichloroethane	6.21	63	653532	51.82	ug/l	100
25) 2-Butanone	7.18	43	555540	244.70	ug/l	98
26) 2,2-Dichloropropane	7.17	77	350059	48.06	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	393218	51.60	ug/l	99
28) Bromochloromethane	7.51	49	285192	53.70	ug/l	98
29) Tetrahydrofuran	7.54	42	301871	260.75	ug/l	99
30) Chloroform	7.68	83	640726	51.66	ug/l	100
31) Cyclohexane	7.96	56	600669	49.24	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	503149	51.17	ug/l	99
36) 1,1-Dichloropropene	8.09	75	507615	50.45	ug/l	100
37) Ethyl Acetate	7.26	43	207644	51.77	ug/l	99
38) Carbon Tetrachloride	8.07	117	460024	49.67	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	648747	51.56	ug/l	99
40) Benzene	8.32	78	1501336	51.34	ug/l	100
41) Methacrylonitrile	7.49	41	129996	57.11	ug/l	97
42) 1,2-Dichloroethane	8.40	62	386738	51.58	ug/l	100
43) Isopropyl Acetate	8.43	43	376960	52.32	ug/l	100
44) Trichloroethene	9.09	130	371523	50.05	ug/l	97
45) 1,2-Dichloropropane	9.37	63	370919	51.86	ug/l	100
46) Dibromomethane	9.46	93	180129	50.83	ug/l	99
47) Bromodichloromethane	9.65	83	436121	51.54	ug/l	99
48) Methyl methacrylate	9.44	41	182721	54.05	ug/l	100
49) 1,4-Dioxane	9.48	88	56719	1095.60	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	1298141	266.61	ug/l	100
52) Toluene	10.39	92	916338	52.25	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	437941	51.36	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	524163	51.57	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	260812	51.78	ug/l	99
56) Ethyl methacrylate	10.65	69	326559	49.65	ug/l	99
57) 1,3-Dichloropropane	10.93	76	453308	52.14	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	774617	278.47	ug/l	100
59) 2-Hexanone	10.98	43	868180	263.16	ug/l	100
60) Dibromochloromethane	11.13	129	293091	51.86	ug/l	100
61) 1,2-Dibromoethane	11.24	107	246707	51.24	ug/l	99
64) Tetrachloroethene	10.87	164	323210	51.68	ug/l	98
65) Chlorobenzene	11.66	112	1003408	50.94	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	342739	51.54	ug/l	98
67) Ethyl Benzene	11.74	91	1768808	52.97	ug/l	99
68) m/p-Xylenes	11.84	106	1376676	105.97	ug/l	100
69) o-Xylene	12.17	106	646662	53.77	ug/l	99
70) Styrene	12.18	104	1097109	54.31	ug/l	100
71) Bromoform	12.35	173	176798	50.37	ug/l #	97
73) Isopropylbenzene	12.47	105	1774727	54.34	ug/l	100
74) N-amyl acetate	12.28	43	367710	48.23	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	314034	51.91	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	201081m	47.52	ug/l	
77) Bromobenzene	12.75	156	414892	52.49	ug/l	100
78) n-propylbenzene	12.81	91	2159120	54.18	ug/l	100
79) 2-Chlorotoluene	12.90	91	1230160	53.55	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1522111	54.86	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	93277	51.23	ug/l	99
82) 4-Chlorotoluene	12.99	91	1294357	53.03	ug/l	99
83) tert-Butylbenzene	13.21	119	1295434	54.59	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1559452	54.63	ug/l	99
85) sec-Butylbenzene	13.39	105	1908332	53.86	ug/l	100
86) p-Isopropyltoluene	13.51	119	1679129	54.47	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	838943	52.18	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	820724	51.07	ug/l	100
89) n-Butylbenzene	13.83	91	1577111	52.91	ug/l	99
90) Hexachloroethane	14.10	117	291636	51.90	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	750414	51.96	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	49624	52.49	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	532000	52.08	ug/l	99
94) Hexachlorobutadiene	15.24	225	322659	51.47	ug/l	100
95) Naphthalene	15.38	128	976540	49.39	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	479869	52.98	ug/l	100

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

