

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
 Data File : VW005318.D
 Acq On : 12 Sep 2018 11:47
 Operator : SY/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
 9/13/2018 11:11:19 AM

Quant Time: Sep 12 14:34:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	503885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	700470	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	681877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	377118	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	192681	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
35) Dibromofluoromethane	7.89	113	201158	54.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.64%	
50) Toluene-d8	10.33	98	1013458	54.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.32%	
62) 4-Bromofluorobenzene	12.62	95	365933	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	206153	47.43	ug/l	98
3) Chloromethane	2.21	50	303133	52.16	ug/l	100
4) Vinyl Chloride	2.35	62	286969	53.79	ug/l	97
5) Bromomethane	2.76	94	189890	59.23	ug/l	98
6) Chloroethane	2.91	64	158361	53.89	ug/l	99
7) Trichlorofluoromethane	3.26	101	309541	51.29	ug/l	97
8) Diethyl Ether	3.69	74	106736	49.63	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	220057	51.05	ug/l	98
10) Methyl Iodide	4.28	142	230742	43.53	ug/l	100
11) Tert butyl alcohol	5.17	59	74527	241.81	ug/l	100
12) 1,1-Dichloroethene	4.04	96	200078	50.41	ug/l	99
13) Acrolein	3.90	56	75101	252.25	ug/l	99
14) Allyl chloride	4.67	41	316072	51.83	ug/l	99
15) Acrylonitrile	5.37	53	255777	263.59	ug/l	99
16) Acetone	4.12	43	193615	277.55	ug/l	99
17) Carbon Disulfide	4.38	76	744008	53.40	ug/l	100
18) Methyl Acetate	4.67	43	107438	51.59	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	487959	51.62	ug/l	96
20) Methylene Chloride	4.92	84	271507	52.54	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	229069	49.43	ug/l	99
22) Diisopropyl ether	6.32	45	665950	54.24	ug/l	99
23) Vinyl Acetate	6.26	43	1845629	269.73	ug/l	100
24) 1,1-Dichloroethane	6.22	63	386149	51.09	ug/l	99
25) 2-Butanone	7.18	43	298602	271.37	ug/l	97
26) 2,2-Dichloropropane	7.17	77	346320	52.85	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	249353	50.27	ug/l	98
28) Bromochloromethane	7.52	49	145929	52.34	ug/l #	96
29) Tetrahydrofuran	7.53	42	191132	257.75	ug/l	99
30) Chloroform	7.68	83	385139	50.78	ug/l	99
31) Cyclohexane	7.96	56	418462	52.03	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	352689	51.47	ug/l	99
36) 1,1-Dichloropropene	8.09	75	341928	53.28	ug/l	99
37) Ethyl Acetate	7.26	43	131224	53.76	ug/l	99
38) Carbon Tetrachloride	8.07	117	314293	52.28	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	460464	54.04	ug/l	99
40) Benzene	8.33	78	1011779	53.51	ug/l	100
41) Methacrylonitrile	7.49	41	75286	60.12	ug/l	94
42) 1,2-Dichloroethane	8.41	62	231216	51.12	ug/l	99
43) Isopropyl Acetate	8.43	43	242213	53.43	ug/l	98
44) Trichloroethene	9.10	130	271215	52.29	ug/l	100
45) 1,2-Dichloropropane	9.37	63	242333	53.32	ug/l	98
46) Dibromomethane	9.46	93	112217	50.45	ug/l	98
47) Bromodichloromethane	9.65	83	286570	52.66	ug/l	98
48) Methyl methacrylate	9.44	41	122514	52.05	ug/l	95
49) 1,4-Dioxane	9.45	88	48726	1173.23	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	684960	268.52	ug/l	100
52) Toluene	10.39	92	723016	52.62	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	307970	52.37	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	370777	52.65	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	177980	50.18	ug/l	98
56) Ethyl methacrylate	10.65	69	243371	54.12	ug/l	100
57) 1,3-Dichloropropane	10.94	76	305671	51.90	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	533193	272.82	ug/l	99
59) 2-Hexanone	10.98	43	507331	275.88	ug/l	100
60) Dibromochloromethane	11.13	129	202281	51.40	ug/l	99
61) 1,2-Dibromoethane	11.24	107	163403	50.24	ug/l	99
64) Tetrachloroethene	10.87	164	262537	51.90	ug/l	98
65) Chlorobenzene	11.66	112	785750	52.60	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	230655	51.72	ug/l	99
67) Ethyl Benzene	11.74	91	1413726	54.35	ug/l	99
68) m/p-Xylenes	11.85	106	1134688	108.24	ug/l	99
69) o-Xylene	12.17	106	525316	53.86	ug/l	98
70) Styrene	12.19	104	878325	55.19	ug/l	100
71) Bromoform	12.35	173	125175	51.76	ug/l	97
73) Isopropylbenzene	12.47	105	1441960	54.12	ug/l	100
74) N-amyl acetate	12.28	43	281304	55.49	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	208692	52.12	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	140147m	48.32	ug/l	
77) Bromobenzene	12.76	156	328051	52.26	ug/l	98
78) n-propylbenzene	12.81	91	1771122	55.35	ug/l	99
79) 2-Chlorotoluene	12.90	91	985315	53.69	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1237163	54.53	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	66419	53.70	ug/l	97
82) 4-Chlorotoluene	12.99	91	1025770	53.18	ug/l	100
83) tert-Butylbenzene	13.21	119	1062482	53.54	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1245914	54.65	ug/l	99
85) sec-Butylbenzene	13.39	105	1567422	54.96	ug/l	100
86) p-Isopropyltoluene	13.51	119	1394921	55.25	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	689739	52.33	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	675960	52.21	ug/l	99
89) n-Butylbenzene	13.83	91	1324610	55.81	ug/l	98
90) Hexachloroethane	14.10	117	211126	52.20	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	605882	52.30	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	35396	53.15	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	428504	52.29	ug/l	99
94) Hexachlorobutadiene	15.25	225	277935	52.96	ug/l	99
95) Naphthalene	15.38	128	720159	54.20	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	372341	52.80	ug/l	99

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

