

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005274.D
 Acq On : 11 Sep 2018 14:36
 Operator : SY/AP
 Sample : J4803-18MS
 Misc : 5.93G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q2-J6MS

Manual Integrations
 APPROVED

apatel
 9/12/2018 10:29:22 AM

Quant Time: Sep 11 15:41:02 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	493007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	707460	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	688300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	363086	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	195347	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
35) Dibromofluoromethane	7.89	113	170198	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	
50) Toluene-d8	10.33	98	959207	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
62) 4-Bromofluorobenzene	12.63	95	345565	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	190934	44.90	ug/l	99
3) Chloromethane	2.22	50	279335	49.13	ug/l	99
4) Vinyl Chloride	2.36	62	257683	49.37	ug/l	100
5) Bromomethane	2.76	94	178425	56.76	ug/l	98
6) Chloroethane	2.92	64	142975	49.73	ug/l	98
7) Trichlorofluoromethane	3.26	101	276688	46.86	ug/l	97
8) Diethyl Ether	3.69	74	110438	52.48	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	189363	44.90	ug/l	100
10) Methyl Iodide	4.28	142	215238	41.65	ug/l	100
11) Tert butyl alcohol	5.17	59	79931	265.06	ug/l	99
12) 1,1-Dichloroethene	4.04	96	183333	47.21	ug/l	99
13) Acrolein	3.90	56	55628	190.97	ug/l	99
14) Allyl chloride	4.68	41	289245	48.47	ug/l	99
15) Acrylonitrile	5.38	53	277341	292.12	ug/l	100
16) Acetone	4.13	43	162886	238.65	ug/l	96
17) Carbon Disulfide	4.38	76	666624	48.90	ug/l	100
18) Methyl Acetate	4.68	43	151744	74.48	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	513378	55.50	ug/l	98
20) Methylene Chloride	4.93	84	264637	52.32	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	213948	47.18	ug/l	96
22) Diisopropyl ether	6.32	45	598842	49.85	ug/l	98
23) Vinyl Acetate	6.32	43	321029	47.95	ug/l	# 71
24) 1,1-Dichloroethane	6.23	63	361303	48.86	ug/l	99
25) 2-Butanone	7.18	43	294480	273.53	ug/l	96
26) 2,2-Dichloropropane	7.18	77	299817	46.76	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	236339	48.70	ug/l	99
28) Bromochloromethane	7.52	49	145590	53.37	ug/l	98
29) Tetrahydrofuran	7.54	42	214765	296.01	ug/l	99
30) Chloroform	7.68	83	373633	50.35	ug/l	99
31) Cyclohexane	7.96	56	361869	45.99	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	324758	48.44	ug/l	99
36) 1,1-Dichloropropene	8.09	75	312319	48.19	ug/l	100
37) Ethyl Acetate	7.26	43	118115	47.91	ug/l	99
38) Carbon Tetrachloride	8.07	117	288092	47.45	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	364733	42.38	ug/l	98
40) Benzene	8.33	78	970229	50.81	ug/l	100
41) Methacrylonitrile	7.49	41	76774	60.70	ug/l #	91
42) 1,2-Dichloroethane	8.41	62	234127	51.25	ug/l	99
43) Isopropyl Acetate	8.43	43	258595	56.49	ug/l	99
44) Trichloroethene	9.10	130	366856	70.03	ug/l	99
45) 1,2-Dichloropropane	9.38	63	236624	51.55	ug/l	98
46) Dibromomethane	9.46	93	117845	52.45	ug/l	98
47) Bromodichloromethane	9.65	83	275791	50.18	ug/l	96
48) Methyl methacrylate	9.44	41	128078	53.88	ug/l	91
49) 1,4-Dioxane	9.45	88	46896	1118.01	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	770720	299.16	ug/l	100
52) Toluene	10.40	92	681972	49.14	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	316010	53.21	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	362221	50.93	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	188066	52.50	ug/l	99
56) Ethyl methacrylate	10.65	69	245484	54.06	ug/l	99
57) 1,3-Dichloropropane	10.94	76	320474	53.88	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	556010	281.69	ug/l	100
59) 2-Hexanone	10.98	43	565980	304.73	ug/l	100
60) Dibromochloromethane	11.13	129	212282	53.41	ug/l	99
61) 1,2-Dibromoethane	11.24	107	178191	54.24	ug/l	100
64) Tetrachloroethene	10.87	164	419140	82.08	ug/l	99
65) Chlorobenzene	11.66	112	740494	49.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	229796	51.04	ug/l	99
67) Ethyl Benzene	11.74	91	1283762	48.89	ug/l	99
68) m/p-Xylenes	11.85	106	1028223	97.17	ug/l	99
69) o-Xylene	12.17	106	490913	49.87	ug/l	100
70) Styrene	12.19	104	818516	50.95	ug/l	100
71) Bromoform	12.35	173	137502	56.33	ug/l	99
73) Isopropylbenzene	12.47	105	1248962	48.69	ug/l	100
74) N-amyl acetate	12.28	43	248946	51.00	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	109258	28.34	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	158524m	56.76	ug/l	
77) Bromobenzene	12.76	156	316479	52.36	ug/l	98
78) n-propylbenzene	12.81	91	1468492	47.66	ug/l	99
79) 2-Chlorotoluene	12.90	91	866922	49.07	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1051111	48.12	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	72832	61.16	ug/l	97
82) 4-Chlorotoluene	13.00	91	903233	48.64	ug/l	99
83) tert-Butylbenzene	13.21	119	870410	45.56	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1076070	49.02	ug/l	98
85) sec-Butylbenzene	13.39	105	1208782	44.02	ug/l	99
86) p-Isopropyltoluene	13.51	119	1085517	44.66	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	596471	47.00	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	596078	47.82	ug/l	100
89) n-Butylbenzene	13.83	91	937557	41.03	ug/l	98
90) Hexachloroethane	14.10	117	169557	43.54	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	550028	49.31	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	39629	61.81	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	316948	40.17	ug/l	98
94) Hexachlorobutadiene	15.25	225	150294	29.75	ug/l	99
95) Naphthalene	15.38	128	667104	52.15	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	279069	41.10	ug/l	98

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

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