

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003793.D
 Acq On : 09 Jul 2018 22:55
 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
 7/10/2018 10:47:28 AM

Quant Time: Jul 10 09:08:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	315186	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	308507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171584	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	134565	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
35) Dibromofluoromethane	7.88	113	114210	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
50) Toluene-d8	10.33	98	453797	53.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.56%	
62) 4-Bromofluorobenzene	12.62	95	167574	54.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.78%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	41363m	42.075	ug/l
3) Chloromethane	2.21	50	79846	42.782	ug/l
4) Vinyl Chloride	2.36	62	107450	43.650	ug/l
5) Bromomethane	2.77	94	69282	39.871	ug/l
6) Chloroethane	2.92	64	62876	42.591	ug/l
7) Trichlorofluoromethane	3.25	101	50103	50.383	ug/l
8) Diethyl Ether	3.67	74	47800	46.902	ug/l
9) 1,1,2-Trichlorotrifluoroet	4.06	101	103155	53.340	ug/l
10) Methyl Iodide	4.26	142	152297	52.906	ug/l
11) Tert butyl alcohol	5.17	59	40217	280.736	ug/l
12) 1,1-Dichloroethene	4.03	96	102464	53.960	ug/l
13) Acrolein	3.88	56	59331	344.915	ug/l
14) Allyl chloride	4.66	41	171250	51.872	ug/l
15) Acrylonitrile	5.36	53	140891	276.064	ug/l
16) Acetone	4.12	43	126761	276.393	ug/l
17) Carbon Disulfide	4.37	76	319555	51.331	ug/l
18) Methyl Acetate	4.67	43	70238	54.320	ug/l
19) Methyl tert-butyl Ether	5.42	73	209597	53.417	ug/l
20) Methylene Chloride	4.90	84	116180	52.171	ug/l
21) trans-1,2-Dichloroethene	5.41	96	115700	51.468	ug/l
22) Diisopropyl ether	6.31	45	385175	53.069	ug/l
23) Vinyl Acetate	6.26	43	1176095	265.448	ug/l
24) 1,1-Dichloroethane	6.21	63	221695	50.503	ug/l
25) 2-Butanone	7.18	43	193604	269.518	ug/l
26) 2,2-Dichloropropane	7.17	77	114122	47.931	ug/l
27) cis-1,2-Dichloroethene	7.17	96	127027	51.099	ug/l
28) Bromochloromethane	7.51	49	97025	49.616	ug/l
29) Tetrahydrofuran	7.53	42	129806	281.103	ug/l
30) Chloroform	7.68	83	229248	51.195	ug/l
31) Cyclohexane	7.95	56	189511	49.129	ug/l
32) 1,1,1-Trichloroethane	7.87	97	176023	51.648	ug/l
36) 1,1-Dichloropropene	8.08	75	177709	53.138	ug/l
37) Ethyl Acetate	7.26	43	87331	53.668	ug/l
38) Carbon Tetrachloride	8.07	117	167334	52.626	ug/l

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	199768	54.540	ug/l	99
40) Benzene	8.32	78	507106	53.040	ug/l	99
41) Methacrylonitrile	7.49	41	46660	49.848	ug/l	95
42) 1,2-Dichloroethane	8.40	62	163852	52.953	ug/l	100
43) Isopropyl Acetate	8.43	43	163320	52.957	ug/l	99
44) Trichloroethene	9.09	130	128063	53.131	ug/l	97
45) 1,2-Dichloropropane	9.37	63	132436	53.274	ug/l	99
46) Dibromomethane	9.46	93	70592	54.005	ug/l	99
47) Bromodichloromethane	9.65	83	171999	53.487	ug/l	100
48) Methyl methacrylate	9.44	41	81376	55.405	ug/l	98
49) 1,4-Dioxane	9.45	88	23594	1207.716	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	459631	288.005	ug/l	100
52) Toluene	10.39	92	323811	54.619	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	171657	53.463	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	194228	53.588	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	97834	53.889	ug/l	95
56) Ethyl methacrylate	10.65	69	125544	56.668	ug/l	99
57) 1,3-Dichloropropane	10.93	76	169548	53.582	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	299810	256.655	ug/l	99
59) 2-Hexanone	10.98	43	322477	294.260	ug/l	99
60) Dibromochloromethane	11.13	129	116744	55.088	ug/l	99
61) 1,2-Dibromoethane	11.24	107	94247	54.285	ug/l	100
64) Tetrachloroethene	10.87	164	120619	52.857	ug/l	98
65) Chlorobenzene	11.66	112	354140	52.072	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	126439	53.202	ug/l	99
67) Ethyl Benzene	11.74	91	629696	54.148	ug/l	98
68) m/p-Xylenes	11.85	106	490267	110.094	ug/l	99
69) o-Xylene	12.17	106	228147	55.523	ug/l	99
70) Styrene	12.19	104	395846	56.651	ug/l	99
71) Bromoform	12.35	173	71594	54.586	ug/l #	98
73) Isopropylbenzene	12.47	105	623676	53.672	ug/l	100
74) N-amyl acetate	12.28	43	167941	53.319	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	122579	52.036	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	82446m	48.932	ug/l	
77) Bromobenzene	12.75	156	150417	52.141	ug/l	98
78) n-propylbenzene	12.81	91	789727	54.139	ug/l	100
79) 2-Chlorotoluene	12.90	91	444004	52.982	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	545825	54.500	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	36362	52.792	ug/l	98
82) 4-Chlorotoluene	12.99	91	475203	52.733	ug/l	100
83) tert-Butylbenzene	13.21	119	454072	54.975	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	560045	53.828	ug/l	98
85) sec-Butylbenzene	13.39	105	667969	54.061	ug/l	100
86) p-Isopropyltoluene	13.51	119	594380	55.052	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	303921	51.999	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	300900	51.196	ug/l	100
89) n-Butylbenzene	13.83	91	571556	53.817	ug/l	100
90) Hexachloroethane	14.10	117	107715	51.792	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	274267	52.136	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21787	53.431	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	185653	52.138	ug/l	100
94) Hexachlorobutadiene	15.24	225	104596	51.354	ug/l	98
95) Naphthalene	15.38	128	354161	55.650	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	166662	52.272	ug/l	99

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

