

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090818\
 Data File : VW005229.D
 Acq On : 08 Sep 2018 01:02
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 9/10/2018 10:42:14 AM

Quant Time: Sep 08 03:44:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090818S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 08 02:41:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	525150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	756920	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	740424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	393270	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	200030	45.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.88%	
35) Dibromofluoromethane	7.89	113	201818	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
50) Toluene-d8	10.33	98	1039386	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.63	95	375368	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	196679	46.62	ug/l	100
3) Chloromethane	2.21	50	276370	45.68	ug/l	100
4) Vinyl Chloride	2.35	62	261608	44.73	ug/l	100
5) Bromomethane	2.76	94	165650	41.16	ug/l	100
6) Chloroethane	2.91	64	153152	42.58	ug/l	100
7) Trichlorofluoromethane	3.26	101	285796	43.49	ug/l	100
8) Diethyl Ether	3.69	74	105119	43.90	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	201433	44.46	ug/l	100
10) Methyl Iodide	4.28	142	278260	48.33	ug/l	100
11) Tert butyl alcohol	5.16	59	73103	230.77	ug/l	100
12) 1,1-Dichloroethene	4.04	96	186721	44.77	ug/l	100
13) Acrolein	3.90	56	71798	249.48	ug/l	100
14) Allyl chloride	4.67	41	294340	45.21	ug/l	100
15) Acrylonitrile	5.37	53	257531	250.67	ug/l	100
16) Acetone	4.12	43	174963	205.54	ug/l	100
17) Carbon Disulfide	4.38	76	679270	46.55	ug/l	100
18) Methyl Acetate	4.67	43	110362	43.50	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	493307	48.30	ug/l	100
20) Methylene Chloride	4.92	84	301922	42.41	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	223759	44.07	ug/l	100
22) Diisopropyl ether	6.32	45	659984	48.09	ug/l	100
23) Vinyl Acetate	6.26	43	1790199	246.90	ug/l	100
24) 1,1-Dichloroethane	6.22	63	373285	43.67	ug/l	100
25) 2-Butanone	7.17	43	287983	196.86	ug/l	100
26) 2,2-Dichloropropane	7.18	77	288673	41.38	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	244126	44.04	ug/l	100
28) Bromochloromethane	7.52	49	147536	42.96	ug/l	100
29) Tetrahydrofuran	7.53	42	196597	253.60	ug/l	100
30) Chloroform	7.68	83	375666	43.06	ug/l	100
31) Cyclohexane	7.96	56	398827	47.20	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	342370	45.02	ug/l	100
36) 1,1-Dichloropropene	8.09	75	333189	47.11	ug/l	100
37) Ethyl Acetate	7.26	43	133583	49.72	ug/l	100
38) Carbon Tetrachloride	8.07	117	304065	45.37	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	441448	51.36	ug/l	100
40) Benzene	8.33	78	1034496	47.73	ug/l	100
41) Methacrylonitrile	7.49	41	75665	49.15	ug/l	100
42) 1,2-Dichloroethane	8.41	62	235347	44.42	ug/l	100
43) Isopropyl Acetate	8.43	43	251970	51.36	ug/l	100
44) Trichloroethene	9.10	130	271058	46.44	ug/l	100
45) 1,2-Dichloropropane	9.38	63	242584	45.95	ug/l	100
46) Dibromomethane	9.46	93	112629	44.60	ug/l	100
47) Bromodichloromethane	9.65	83	284674	44.85	ug/l	100
48) Methyl methacrylate	9.44	41	136924	57.07	ug/l	100
49) 1,4-Dioxane	9.45	88	46781	1127.51	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	715040	225.17	ug/l	100
52) Toluene	10.40	92	726598	49.46	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	304094	48.37	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	358687	47.20	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	182033	46.32	ug/l	100
56) Ethyl methacrylate	10.65	69	254772	55.79	ug/l	100
57) 1,3-Dichloropropane	10.94	76	311324	47.91	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	543747	255.51	ug/l	100
59) 2-Hexanone	10.98	43	513241	237.88	ug/l	100
60) Dibromochloromethane	11.13	129	207590	46.71	ug/l	100
61) 1,2-Dibromoethane	11.24	107	173178	48.51	ug/l	100
64) Tetrachloroethene	10.87	164	295363	51.07	ug/l	100
65) Chlorobenzene	11.66	112	802087	48.76	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	237715	47.35	ug/l	100
67) Ethyl Benzene	11.74	91	1396356	50.37	ug/l	100
68) m/p-Xylenes	11.85	106	1113270	100.42	ug/l	100
69) o-Xylene	12.17	106	521963	50.72	ug/l	100
70) Styrene	12.19	104	866141	51.11	ug/l	100
71) Bromoform	12.35	173	133380	49.68	ug/l	# 100
73) Isopropylbenzene	12.47	105	1408533	51.56	ug/l	100
74) N-amyl acetate	12.28	43	280102	57.73	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	221006	52.10	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	152393m	51.18	ug/l	
77) Bromobenzene	12.76	156	336686	49.89	ug/l	100
78) n-propylbenzene	12.81	91	1685402	51.23	ug/l	100
79) 2-Chlorotoluene	12.90	91	962989	50.06	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1189658	50.59	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	63529	51.89	ug/l	100
82) 4-Chlorotoluene	12.99	91	1006711	49.53	ug/l	100
83) tert-Butylbenzene	13.21	119	1053801	53.18	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1214716	50.72	ug/l	100
85) sec-Butylbenzene	13.39	105	1482365	51.19	ug/l	100
86) p-Isopropyltoluene	13.51	119	1328005	51.84	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	677283	48.96	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	670585	48.79	ug/l	100
89) n-Butylbenzene	13.83	91	1217381	51.38	ug/l	100
90) Hexachloroethane	14.10	117	212992	49.80	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	608248	50.24	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	37513	55.88	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	413046	51.09	ug/l	100
94) Hexachlorobutadiene	15.24	225	263386	52.07	ug/l	100
95) Naphthalene	15.38	128	728847	56.85	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	361714	52.07	ug/l	100

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

