

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090518\
 Data File : VW005128.D
 Acq On : 05 Sep 2018 14:32
 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
 9/6/2018 12:02:26 PM

Quant Time: Sep 05 16:40:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	635934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	913166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	876480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	462650	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	247825	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
35) Dibromofluoromethane	7.89	113	250606	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
50) Toluene-d8	10.33	98	1244510	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.62	95	449692	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	259213	50.58	ug/l	97
3) Chloromethane	2.21	50	396083	53.26	ug/l	98
4) Vinyl Chloride	2.36	62	402644	55.68	ug/l	98
5) Bromomethane	2.77	94	233043	53.45	ug/l	96
6) Chloroethane	2.92	64	238276	52.94	ug/l	100
7) Trichlorofluoromethane	3.26	101	436072	53.61	ug/l	100
8) Diethyl Ether	3.69	74	153681	52.21	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	303594	54.33	ug/l	98
10) Methyl Iodide	4.28	142	362909	43.96	ug/l	100
11) Tert butyl alcohol	5.21	59	102990	348.03	ug/l	98
12) 1,1-Dichloroethene	4.04	96	275768	53.63	ug/l	94
13) Acrolein	3.90	56	91036	266.06	ug/l	98
14) Allyl chloride	4.68	41	465958	57.97	ug/l	98
15) Acrylonitrile	5.38	53	356287	286.99	ug/l	99
16) Acetone	4.14	43	306266	289.69	ug/l	97
17) Carbon Disulfide	4.38	76	973379	54.32	ug/l	100
18) Methyl Acetate	4.68	43	164017	52.74	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	708842	56.77	ug/l	99
20) Methylene Chloride	4.92	84	382133	53.80	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	318202	50.79	ug/l	98
22) Diisopropyl ether	6.32	45	978230	57.83	ug/l	99
23) Vinyl Acetate	6.26	43	2694712	303.30	ug/l	99
24) 1,1-Dichloroethane	6.22	63	559327	52.90	ug/l	100
25) 2-Butanone	7.18	43	524712	286.15	ug/l	100
26) 2,2-Dichloropropane	7.17	77	507862	58.45	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	349618	51.01	ug/l	95
28) Bromochloromethane	7.52	49	217468	51.10	ug/l	93
29) Tetrahydrofuran	7.54	42	267240	285.22	ug/l	99
30) Chloroform	7.68	83	543554	50.37	ug/l	98
31) Cyclohexane	7.96	56	593118	57.29	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	500362	53.24	ug/l	99
36) 1,1-Dichloropropene	8.09	75	487325	56.03	ug/l	98
37) Ethyl Acetate	7.26	43	188353	57.91	ug/l	99
38) Carbon Tetrachloride	8.07	117	437360	52.89	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	633145	60.20	ug/l	98
40) Benzene	8.33	78	1420903	53.37	ug/l	98
41) Methacrylonitrile	7.49	41	116740	61.95	ug/l	97
42) 1,2-Dichloroethane	8.40	62	332475	51.02	ug/l	98
43) Isopropyl Acetate	8.43	43	356088	60.17	ug/l	98
44) Trichloroethene	9.10	130	372630	51.87	ug/l	99
45) 1,2-Dichloropropane	9.37	63	348475	53.58	ug/l	99
46) Dibromomethane	9.46	93	160264	51.53	ug/l	96
47) Bromodichloromethane	9.65	83	409267	52.26	ug/l	98
48) Methyl methacrylate	9.44	41	180039	63.18	ug/l	94
49) 1,4-Dioxane	9.47	88	62259	1237.86	ug/l #	86
51) 4-Methyl-2-Pentanone	10.21	43	1246322	314.21	ug/l	100
52) Toluene	10.39	92	987741	54.75	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	440617	57.26	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	530841	56.72	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	248539	51.61	ug/l	96
56) Ethyl methacrylate	10.65	69	343028	62.44	ug/l	97
57) 1,3-Dichloropropane	10.94	76	425558	53.68	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	744457	285.98	ug/l	98
59) 2-Hexanone	10.98	43	895237	333.69	ug/l	100
60) Dibromochloromethane	11.13	129	282126	51.82	ug/l	99
61) 1,2-Dibromoethane	11.24	107	229222	52.73	ug/l	99
64) Tetrachloroethene	10.87	164	349152	50.77	ug/l	97
65) Chlorobenzene	11.66	112	1069315	54.19	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	317510	52.66	ug/l	99
67) Ethyl Benzene	11.74	91	1929339	57.84	ug/l	100
68) m/p-Xylenes	11.85	106	1513443	113.32	ug/l	99
69) o-Xylene	12.17	106	708728	57.39	ug/l	99
70) Styrene	12.19	104	1170541	57.39	ug/l	99
71) Bromoform	12.35	173	168631	52.77	ug/l #	99
73) Isopropylbenzene	12.47	105	1938322	59.42	ug/l	100
74) N-amyl acetate	12.28	43	386338	68.78	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	291135	58.62	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	203978m	58.74	ug/l	
77) Bromobenzene	12.75	156	436210	54.27	ug/l	95
78) n-propylbenzene	12.81	91	2359230	59.91	ug/l	99
79) 2-Chlorotoluene	12.90	91	1320705	57.48	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1637313	58.04	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	93861	65.05	ug/l	100
82) 4-Chlorotoluene	12.99	91	1376084	56.72	ug/l	99
83) tert-Butylbenzene	13.21	119	1407207	59.73	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1652092	57.50	ug/l	99
85) sec-Butylbenzene	13.39	105	2065702	59.66	ug/l	100
86) p-Isopropyltoluene	13.51	119	1821905	59.45	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	891967	54.02	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	876367	53.51	ug/l	99
89) n-Butylbenzene	13.83	91	1769310	62.29	ug/l	99
90) Hexachloroethane	14.10	117	287165	56.41	ug/l	94
91) 1,2-Dichlorobenzene	13.88	146	782843	54.40	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	46317	59.68	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	569593	59.03	ug/l	99
94) Hexachlorobutadiene	15.24	225	343976	57.31	ug/l	100
95) Naphthalene	15.38	128	977151	57.90	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	487732	59.06	ug/l	100

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

