

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122618\
 Data File : VW007907.D
 Acq On : 25 Dec 2018 00:30
 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
 12/27/2018 11:17:16 AM

Quant Time: Dec 25 04:01:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 25 03:37:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	77688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	132901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	119334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	58452	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	48483	55.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.68%	
35) Dibromofluoromethane	7.88	113	41798	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.32	98	161519	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.62	95	61714	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	32234m	47.196	ug/l
3) Chloromethane	2.21	50	27856	62.103	ug/l
4) Vinyl Chloride	2.37	62	33870	59.779	ug/l
5) Bromomethane	2.78	94	21894	55.972	ug/l
6) Chloroethane	2.93	64	18501	60.701	ug/l
7) Trichlorofluoromethane	3.26	101	24847	44.769	ug/l
8) Diethyl Ether	3.68	74	19798	56.112	ug/l
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40481	48.782	ug/l
10) Methyl Iodide	4.26	142	65961	49.800	ug/l
11) Tert butyl alcohol	5.18	59	16505	276.512	ug/l
12) 1,1-Dichloroethene	4.04	96	38292	49.628	ug/l
13) Acrolein	3.89	56	9065	201.293	ug/l
14) Allyl chloride	4.67	41	59278	56.803	ug/l
15) Acrylonitrile	5.37	53	45307	295.883	ug/l
16) Acetone	4.12	43	39551	247.579	ug/l
17) Carbon Disulfide	4.38	76	109223	46.276	ug/l
18) Methyl Acetate	4.67	43	26934	66.494	ug/l
19) Methyl tert-butyl Ether	5.43	73	69062	60.090	ug/l
20) Methylene Chloride	4.91	84	50479	50.724	ug/l
21) trans-1,2-Dichloroethene	5.42	96	42171	49.520	ug/l
22) Diisopropyl ether	6.31	45	117306	59.707	ug/l
23) Vinyl Acetate	6.26	43	331133	286.651	ug/l
24) 1,1-Dichloroethane	6.21	63	75717	53.378	ug/l
25) 2-Butanone	7.17	43	55630	286.904	ug/l
26) 2,2-Dichloropropane	7.17	77	48910	48.013	ug/l
27) cis-1,2-Dichloroethene	7.17	96	47772	52.250	ug/l
28) Bromochloromethane	7.51	49	27341	56.141	ug/l
29) Tetrahydrofuran	7.53	42	36240	309.345	ug/l
30) Chloroform	7.68	83	81514	51.345	ug/l
31) Cyclohexane	7.95	56	64026	49.587	ug/l
32) 1,1,1-Trichloroethane	7.87	97	70317	49.044	ug/l
36) 1,1-Dichloropropene	8.08	75	61260	47.907	ug/l
37) Ethyl Acetate	7.26	43	25255	55.654	ug/l
38) Carbon Tetrachloride	8.07	117	64749	43.734	ug/l

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76597	48.142	ug/l	100
40) Benzene	8.32	78	171582	49.826	ug/l	100
41) Methacrylonitrile	7.48	41	17004	63.980	ug/l	100
42) 1,2-Dichloroethane	8.40	62	56997	49.563	ug/l	100
43) Isopropyl Acetate	8.43	43	51401	56.446	ug/l	100
44) Trichloroethene	9.09	130	47975	46.586	ug/l	100
45) 1,2-Dichloropropane	9.37	63	41352	53.606	ug/l	100
46) Dibromomethane	9.46	93	23085	49.344	ug/l	100
47) Bromodichloromethane	9.65	83	60187	48.989	ug/l	100
48) Methyl methacrylate	9.44	41	25941	56.889	ug/l	100
49) 1,4-Dioxane	9.45	88	7933	1059.280	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	124729	288.034	ug/l	100
52) Toluene	10.39	92	113152	49.126	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	61781	50.227	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	68077	50.106	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	32983	50.614	ug/l	100
56) Ethyl methacrylate	10.65	69	42280	54.745	ug/l	100
57) 1,3-Dichloropropane	10.93	76	56766	52.233	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	99950	281.224	ug/l	100
59) 2-Hexanone	10.97	43	87526	288.567	ug/l	100
60) Dibromochloromethane	11.13	129	40523	47.761	ug/l	100
61) 1,2-Dibromoethane	11.24	107	33163	50.356	ug/l	100
64) Tetrachloroethene	10.86	164	41361	48.866	ug/l	100
65) Chlorobenzene	11.66	112	126449	48.796	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	44442	48.292	ug/l	100
67) Ethyl Benzene	11.73	91	223785	50.182	ug/l	100
68) m/p-Xylenes	11.84	106	170360	98.885	ug/l	100
69) o-Xylene	12.17	106	81169	50.153	ug/l	100
70) Styrene	12.18	104	135111	50.744	ug/l	100
71) Bromoform	12.35	173	21084	44.927	ug/l #	100
73) Isopropylbenzene	12.47	105	225604	50.682	ug/l	100
74) N-amyl acetate	12.27	43	47379	59.541	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	36844	54.474	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	29063m	62.555	ug/l	
77) Bromobenzene	12.75	156	51285	50.377	ug/l	100
78) n-propylbenzene	12.81	91	264737	51.060	ug/l	100
79) 2-Chlorotoluene	12.90	91	156793	51.650	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	196436	51.156	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	11288	52.230	ug/l	100
82) 4-Chlorotoluene	12.99	91	163287	50.752	ug/l	100
83) tert-Butylbenzene	13.21	119	172080	51.082	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	199106	51.357	ug/l	100
85) sec-Butylbenzene	13.39	105	234434	50.555	ug/l	100
86) p-Isopropyltoluene	13.51	119	210903	50.113	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	101126	49.951	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	99451	49.275	ug/l	100
89) n-Butylbenzene	13.83	91	194891	50.472	ug/l	100
90) Hexachloroethane	14.10	117	33954	46.571	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	91260	50.384	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7425	53.963	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	61498	49.153	ug/l	100
94) Hexachlorobutadiene	15.24	225	32217	48.277	ug/l	100
95) Naphthalene	15.37	128	128941	54.990	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	55177	51.275	ug/l	100

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

