

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122618\
 Data File : VW007910.D
 Acq On : 25 Dec 2018 01:48
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 12/27/2018 11:18:06 AM

Quant Time: Dec 25 04:13:54 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	76734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	132442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	118978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	56166	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	137830	159.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	318.54%	
35) Dibromofluoromethane	7.88	113	123363	151.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.80%	
50) Toluene-d8	10.32	98	470960	152.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.88%	
62) 4-Bromofluorobenzene	12.62	95	179018	150.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	86873	128.778	ug/l	98
3) Chloromethane	2.22	50	80546	181.804	ug/l	97
4) Vinyl Chloride	2.37	62	92446	165.190	ug/l	99
5) Bromomethane	2.78	94	56965	147.442	ug/l	95
6) Chloroethane	2.92	64	49283	163.705	ug/l	95
7) Trichlorofluoromethane	3.25	101	78902	143.932	ug/l	96
8) Diethyl Ether	3.68	74	57193	164.112	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	110281	134.547	ug/l	99
10) Methyl Iodide	4.26	142	185383	141.704	ug/l	100
11) Tert butyl alcohol	5.18	59	47918	812.762	ug/l	98
12) 1,1-Dichloroethene	4.04	96	109662	143.893	ug/l	95
13) Acrolein	3.89	56	25246	567.571	ug/l	100
14) Allyl chloride	4.66	41	167905	162.895	ug/l	99
15) Acrylonitrile	5.37	53	122123	807.456	ug/l	99
16) Acetone	4.12	43	107588	681.846	ug/l	100
17) Carbon Disulfide	4.37	76	316663	135.833	ug/l	99
18) Methyl Acetate	4.67	43	72626	181.526	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	180973	159.421	ug/l	97
20) Methylene Chloride	4.91	84	120973	123.073	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	119153	141.656	ug/l	99
22) Diisopropyl ether	6.31	45	322554	166.215	ug/l	98
23) Vinyl Acetate	6.26	43	936331	820.630	ug/l	99
24) 1,1-Dichloroethane	6.21	63	211395	150.879	ug/l	99
25) 2-Butanone	7.17	43	149511	780.669	ug/l	100
26) 2,2-Dichloropropane	7.16	77	131404	130.597	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	134547	148.988	ug/l	99
28) Bromochloromethane	7.51	49	79871	166.042	ug/l #	98
29) Tetrahydrofuran	7.52	42	101290	875.362	ug/l	99
30) Chloroform	7.68	83	232657	148.372	ug/l	99
31) Cyclohexane	7.95	56	177544	139.215	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	198371	140.079	ug/l	98
36) 1,1-Dichloropropene	8.08	75	172338	135.239	ug/l	100
37) Ethyl Acetate	7.26	43	68376	151.201	ug/l	98
38) Carbon Tetrachloride	8.07	117	186404	126.341	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	210428	132.714	ug/l	98
40) Benzene	8.32	78	483013	140.748	ug/l	99
41) Methacrylonitrile	7.48	41	42570	160.732	ug/l	92
42) 1,2-Dichloroethane	8.40	62	159659	139.315	ug/l	100
43) Isopropyl Acetate	8.43	43	145142	159.940	ug/l	99
44) Trichloroethene	9.09	130	136346	132.859	ug/l	98
45) 1,2-Dichloropropane	9.37	63	115983	150.873	ug/l	98
46) Dibromomethane	9.46	93	66269	142.139	ug/l	99
47) Bromodichloromethane	9.65	83	173616	141.805	ug/l	99
48) Methyl methacrylate	9.44	41	74133	163.139	ug/l	99
49) 1,4-Dioxane	9.45	88	23307	3122.931	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	339115	785.824	ug/l	99
52) Toluene	10.39	92	318704	138.847	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	178156	145.340	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	196325	144.999	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	92864	142.997	ug/l	98
56) Ethyl methacrylate	10.65	69	122436	159.081	ug/l	97
57) 1,3-Dichloropropane	10.93	76	158500	146.350	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	287267	811.070	ug/l	100
59) 2-Hexanone	10.97	43	236977	784.005	ug/l	99
60) Dibromochloromethane	11.13	129	117985	139.539	ug/l	98
61) 1,2-Dibromoethane	11.24	107	94027	143.269	ug/l	98
64) Tetrachloroethene	10.87	164	115267	136.591	ug/l	98
65) Chlorobenzene	11.66	112	358243	138.659	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	127910	139.407	ug/l	98
67) Ethyl Benzene	11.73	91	631717	142.081	ug/l	99
68) m/p-Xylenes	11.84	106	478140	278.364	ug/l	99
69) o-Xylene	12.17	106	228399	141.545	ug/l	99
70) Styrene	12.18	104	378201	142.468	ug/l	100
71) Bromoform	12.35	173	64642	138.154	ug/l #	98
73) Isopropylbenzene	12.47	105	636508	148.812	ug/l	99
74) N-amyl acetate	12.27	43	132789	173.666	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	101850	156.713	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	79955m	179.100	ug/l	
77) Bromobenzene	12.75	156	142514	145.689	ug/l	99
78) n-propylbenzene	12.81	91	735748	147.680	ug/l	100
79) 2-Chlorotoluene	12.90	91	435883	149.430	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	540237	146.414	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	33005	158.930	ug/l	97
82) 4-Chlorotoluene	12.99	91	459708	148.699	ug/l	99
83) tert-Butylbenzene	13.21	119	468551	144.750	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	541514	145.362	ug/l	98
85) sec-Butylbenzene	13.39	105	643834	144.490	ug/l	100
86) p-Isopropyltoluene	13.51	119	574840	142.147	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	272353	140.003	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	273707	141.133	ug/l	100
89) n-Butylbenzene	13.83	91	526368	141.864	ug/l	100
90) Hexachloroethane	14.10	117	98949	141.241	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	245496	141.053	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19672	148.791	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	166651	138.619	ug/l	99
94) Hexachlorobutadiene	15.24	225	85637	133.550	ug/l	97
95) Naphthalene	15.38	128	349497	155.117	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	148970	144.070	ug/l	100

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

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