

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122318\
 Data File : VW007811.D
 Acq On : 21 Dec 2018 22:26
 Operator : SY/AP
 Sample : J6392-18MS
 Misc : 5.9G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB106-121218-(8-10)MS

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 10:59:24 AM

Quant Time: Dec 22 01:44:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	64943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	111439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	101518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	49618	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	42003	59.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.02%	
35) Dibromofluoromethane	7.88	113	36883	54.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.50%	
50) Toluene-d8	10.32	98	138908	54.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.40%	
62) 4-Bromofluorobenzene	12.62	95	53885	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	24790	42.938	ug/l	93
3) Chloromethane	2.22	50	22825	64.383	ug/l	99
4) Vinyl Chloride	2.37	62	28263	62.628	ug/l	97
5) Bromomethane	2.78	94	18929	60.221	ug/l	97
6) Chloroethane	2.92	64	15548	64.398	ug/l	97
7) Trichlorofluoromethane	3.25	101	21162	45.041	ug/l	96
8) Diethyl Ether	3.67	74	18100	62.896	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	33057	47.774	ug/l	97
10) Methyl Iodide	4.26	142	54974	49.958	ug/l	96
11) Tert butyl alcohol	5.18	59	15625	325.407	ug/l #	88
12) 1,1-Dichloroethene	4.03	96	32930	51.394	ug/l	96
13) Acrolein	3.88	56	8035	209.287	ug/l	99
14) Allyl chloride	4.66	41	43892	52.237	ug/l	94
15) Acrylonitrile	5.36	53	39774	324.009	ug/l	99
16) Acetone	4.12	43	42007	315.150	ug/l	95
17) Carbon Disulfide	4.37	76	92534	46.668	ug/l	99
18) Methyl Acetate	4.67	43	25753	81.240	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	60916	66.223	ug/l #	81
20) Methylene Chloride	4.91	84	35923	54.452	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	36253	51.445	ug/l	93
22) Diisopropyl ether	6.31	45	90574	57.568	ug/l	99
23) Vinyl Acetate	6.26	43	247430	264.699	ug/l	99
24) 1,1-Dichloroethane	6.21	63	62509	54.007	ug/l	97
25) 2-Butanone	7.17	43	52920	338.961	ug/l	97
26) 2,2-Dichloropropane	7.16	77	38474	45.426	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	40480	53.917	ug/l	100
28) Bromochloromethane	7.51	49	25144	63.715	ug/l	97
29) Tetrahydrofuran	7.53	42	32666	350.774	ug/l	98
30) Chloroform	7.67	83	68579	52.356	ug/l	97
31) Cyclohexane	7.95	56	54718	51.640	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	57947	48.574	ug/l	99
36) 1,1-Dichloropropene	8.08	75	52496	48.807	ug/l	98
37) Ethyl Acetate	7.26	43	22745	61.274	ug/l	98
38) Carbon Tetrachloride	8.07	117	53311	42.086	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	67318	50.368	ug/l	97
40) Benzene	8.32	78	144780	50.443	ug/l	99
41) Methacrylonitrile	7.48	41	13515	64.128	ug/l	94
42) 1,2-Dichloroethane	8.40	62	49124	51.072	ug/l	97
43) Isopropyl Acetate	8.43	43	50775	68.275	ug/l	94
44) Trichloroethene	9.09	130	41788	48.144	ug/l	100
45) 1,2-Dichloropropane	9.37	63	33313	52.308	ug/l	94
46) Dibromomethane	9.46	93	20419	52.084	ug/l	99
47) Bromodichloromethane	9.64	83	50252	48.758	ug/l	94
48) Methyl methacrylate	9.44	41	22530m	60.693	ug/l	
49) 1,4-Dioxane	9.44	88	7896	1270.357	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	113620	323.278	ug/l	100
52) Toluene	10.39	92	98973	51.396	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	53077	51.775	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	57907	51.139	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	32819	60.724	ug/l	97
56) Ethyl methacrylate	10.65	69	38714	60.628	ug/l	96
57) 1,3-Dichloropropane	10.93	76	49968	55.677	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	93073	319.239	ug/l	100
59) 2-Hexanone	10.97	43	83187	336.554	ug/l	98
60) Dibromochloromethane	11.13	129	33974	47.476	ug/l	98
61) 1,2-Dibromoethane	11.24	107	30309	55.379	ug/l	97
64) Tetrachloroethene	10.86	164	38311	53.293	ug/l	98
65) Chlorobenzene	11.66	112	106457	48.449	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	37342	47.562	ug/l	97
67) Ethyl Benzene	11.73	91	186944	49.580	ug/l	99
68) m/p-Xylenes	11.84	106	142974	97.750	ug/l	98
69) o-Xylene	12.17	106	69397	50.616	ug/l	99
70) Styrene	12.18	104	114166	50.657	ug/l	100
71) Bromoform	12.35	173	19664	48.246	ug/l #	99
73) Isopropylbenzene	12.47	105	216453	57.712	ug/l	99
74) N-amyl acetate	12.27	43	41535	63.934	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	34291	60.979	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	26590m	69.335	ug/l	
77) Bromobenzene	12.75	156	44097	51.303	ug/l	94
78) n-propylbenzene	12.80	91	237980	54.509	ug/l	99
79) 2-Chlorotoluene	12.90	91	130292	51.229	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	165137	51.045	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10314	56.453	ug/l	96
82) 4-Chlorotoluene	12.99	91	136373	50.358	ug/l	99
83) tert-Butylbenzene	13.21	119	143669	50.613	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	168622	51.654	ug/l	99
85) sec-Butylbenzene	13.39	105	199657	51.036	ug/l	100
86) p-Isopropyltoluene	13.50	119	173601	48.801	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	83948	49.190	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	84375	49.426	ug/l	99
89) n-Butylbenzene	13.83	91	156565	48.002	ug/l	100
90) Hexachloroethane	14.10	117	28955	46.363	ug/l	92
91) 1,2-Dichlorobenzene	13.88	146	78670	51.486	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6523	56.484	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	51239	48.309	ug/l	97
94) Hexachlorobutadiene	15.24	225	25481	44.954	ug/l	98
95) Naphthalene	15.38	128	120190	61.291	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	46233	50.922	ug/l	98

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

