

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122318\
 Data File : VW007826.D
 Acq On : 22 Dec 2018 07:31
 Operator : SY/AP
 Sample : VW1223SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1223SBS02

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 11:00:16 AM

Quant Time: Dec 24 00:06:14 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	65372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	109947	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	100408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	50369	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	37495	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
35) Dibromofluoromethane	7.88	113	33098	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
50) Toluene-d8	10.32	98	126248	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.62	95	49475	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	10848	18.666	ug/l	98
3) Chloromethane	2.21	50	9331	26.148	ug/l	97
4) Vinyl Chloride	2.37	62	11405	25.106	ug/l	91
5) Bromomethane	2.78	94	7913	25.009	ug/l	98
6) Chloroethane	2.93	64	6540	26.910	ug/l	99
7) Trichlorofluoromethane	3.26	101	8735	18.470	ug/l	94
8) Diethyl Ether	3.68	74	8040	27.755	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.06	101	14561	20.905	ug/l	99
10) Methyl Iodide	4.27	142	24829	22.416	ug/l	97
11) Tert butyl alcohol	5.17	59	7266	150.329	ug/l	98
12) 1,1-Dichloroethene	4.04	96	14117	21.888	ug/l	97
13) Acrolein	3.89	56	4186	108.317	ug/l	97
14) Allyl chloride	4.67	41	21025	24.858	ug/l	92
15) Acrylonitrile	5.37	53	17102	138.403	ug/l	99
16) Acetone	4.12	43	14508	108.129	ug/l #	86
17) Carbon Disulfide	4.37	76	39246	19.663	ug/l	99
18) Methyl Acetate	4.67	43	9625	30.164	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	26093	28.180	ug/l	97
20) Methylene Chloride	4.91	84	18051	23.569	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	16035	22.605	ug/l	90
22) Diisopropyl ether	6.31	45	42561	26.874	ug/l	98
23) Vinyl Acetate	6.26	43	122331	130.010	ug/l	99
24) 1,1-Dichloroethane	6.21	63	28256	24.252	ug/l	97
25) 2-Butanone	7.17	43	20867	132.779	ug/l	95
26) 2,2-Dichloropropane	7.17	77	15983	18.747	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	18300	24.215	ug/l	99
28) Bromochloromethane	7.51	49	9296	23.402	ug/l #	94
29) Tetrahydrofuran	7.52	42	13964	148.964	ug/l	95
30) Chloroform	7.67	83	30674	23.264	ug/l	97
31) Cyclohexane	7.95	56	24062	22.559	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	26340	21.935	ug/l	98
36) 1,1-Dichloropropene	8.08	75	22995	21.669	ug/l	97
37) Ethyl Acetate	7.26	43	9522	26.000	ug/l	99
38) Carbon Tetrachloride	8.07	117	23149	18.523	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	27631	20.954	ug/l	97
40) Benzene	8.32	78	64298	22.706	ug/l	99
41) Methacrylonitrile	7.49	41	6371	30.640	ug/l #	85
42) 1,2-Dichloroethane	8.40	62	21510	22.666	ug/l	98
43) Isopropyl Acetate	8.43	43	19411	26.455	ug/l	96
44) Trichloroethene	9.09	130	18520	21.626	ug/l	96
45) 1,2-Dichloropropane	9.37	63	15234	24.245	ug/l	99
46) Dibromomethane	9.46	93	9059	23.421	ug/l	98
47) Bromodichloromethane	9.65	83	21386	21.032	ug/l	98
48) Methyl methacrylate	9.44	41	10315m	28.164	ug/l	
49) 1,4-Dioxane	9.45	88	3612	589.007	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	46460	133.984	ug/l	99
52) Toluene	10.39	92	42876	22.567	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	21846	21.599	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	24322	21.771	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	12784	23.975	ug/l	95
56) Ethyl methacrylate	10.65	69	16169	25.665	ug/l	95
57) 1,3-Dichloropropane	10.93	76	20793	23.483	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	38688	134.500	ug/l	97
59) 2-Hexanone	10.97	43	31782	130.327	ug/l	99
60) Dibromochloromethane	11.13	129	14467	20.491	ug/l	97
61) 1,2-Dibromoethane	11.24	107	12880	23.853	ug/l	100
64) Tetrachloroethene	10.86	164	17177	24.158	ug/l	98
65) Chlorobenzene	11.66	112	48201	22.179	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	16258	20.936	ug/l	97
67) Ethyl Benzene	11.73	91	83478	22.384	ug/l	95
68) m/p-Xylenes	11.84	106	64075	44.292	ug/l	98
69) o-Xylene	12.16	106	31253	23.047	ug/l	97
70) Styrene	12.18	104	50973	22.867	ug/l	99
71) Bromoform	12.35	173	7974	19.781	ug/l #	97
73) Isopropylbenzene	12.47	105	86074	22.607	ug/l	100
74) N-amyl acetate	12.27	43	17718	26.866	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	14179	24.838	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	12833m	32.964	ug/l	
77) Bromobenzene	12.75	156	19508	22.358	ug/l	96
78) n-propylbenzene	12.80	91	99215	22.386	ug/l	98
79) 2-Chlorotoluene	12.90	91	58743	22.752	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	74719	22.752	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	3858	20.802	ug/l	98
82) 4-Chlorotoluene	12.99	91	62156	22.610	ug/l	100
83) tert-Butylbenzene	13.21	119	65774	22.826	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	75252	22.708	ug/l	98
85) sec-Butylbenzene	13.39	105	88495	22.284	ug/l	99
86) p-Isopropyltoluene	13.50	119	80243	22.221	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	39109	22.575	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	38698	22.331	ug/l	98
89) n-Butylbenzene	13.83	91	71203	21.505	ug/l	99
90) Hexachloroethane	14.10	117	11686	18.433	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	35598	22.950	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2414	20.592	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	23976	22.268	ug/l	100
94) Hexachlorobutadiene	15.24	225	12003	20.860	ug/l	97
95) Naphthalene	15.37	128	50753	25.496	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	21156	22.954	ug/l	100

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

