

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122518\
 Data File : VW007888.D
 Acq On : 24 Dec 2018 14:59
 Operator : SY/AP
 Sample : J6426-02MS
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-DS001-01MS

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 4:38:55 PM

Quant Time: Dec 25 03:18:42 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	43543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	78674	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	34490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	8534	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	34049	71.34	ug/l	0.00
Spiked Amount			Recovery	=	142.68%	
35) Dibromofluoromethane	7.88	113	28129	58.61	ug/l	0.00
Spiked Amount			Recovery	=	117.22%	
50) Toluene-d8	10.32	98	52136	28.81	ug/l	0.00
Spiked Amount			Recovery	=	57.62%	
62) 4-Bromofluorobenzene	12.62	95	12715	18.19	ug/l	0.00
Spiked Amount			Recovery	=	36.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	19739	50.993	ug/l	96
3) Chloromethane	2.21	50	25840	108.710	ug/l	95
4) Vinyl Chloride	2.37	62	30917	102.179	ug/l	99
5) Bromomethane	2.78	94	19470	92.385	ug/l	91
6) Chloroethane	2.93	64	16324	100.842	ug/l	99
7) Trichlorofluoromethane	3.26	101	16546	52.525	ug/l	97
8) Diethyl Ether	3.68	74	18253	94.601	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	4.06	101	15747	33.942	ug/l	99
10) Methyl Iodide	4.26	142	51124	69.293	ug/l	97
11) Tert butyl alcohol	5.18	59	14489	450.048	ug/l	99
12) 1,1-Dichloroethene	4.03	96	25053	58.316	ug/l	99
13) Acrolein	3.89	56	2945	114.408	ug/l	99
14) Allyl chloride	4.66	41	48184	85.529	ug/l	90
15) Acrylonitrile	5.37	53	37992	461.597	ug/l	99
16) Acetone	4.12	43	33649	376.514	ug/l	99
17) Carbon Disulfide	4.37	76	56335	42.375	ug/l	100
18) Methyl Acetate	4.67	43	64380	302.906	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	61259	99.325	ug/l	98
20) Methylene Chloride	4.91	84	36891	87.239	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	27416	58.025	ug/l	99
22) Diisopropyl ether	6.31	45	95249	90.293	ug/l	98
23) Vinyl Acetate	6.31	43	60677	96.814	ug/l #	69
24) 1,1-Dichloroethane	6.21	63	58079	74.841	ug/l	99
25) 2-Butanone	7.17	43	43232	412.999	ug/l	93
26) 2,2-Dichloropropane	7.16	77	36233	63.805	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	33928	67.400	ug/l	97
28) Bromochloromethane	7.51	49	21613	81.684	ug/l	88
29) Tetrahydrofuran	7.53	42	30786	493.058	ug/l	94
30) Chloroform	7.67	83	57312	65.258	ug/l	99
31) Cyclohexane	7.95	56	17147	24.136	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	39477	49.355	ug/l	99
36) 1,1-Dichloropropene	8.08	75	24319	32.026	ug/l	99
37) Ethyl Acetate	7.26	43	8481	32.363	ug/l #	81
38) Carbon Tetrachloride	8.07	117	26765	29.929	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122518\
 Data File : VW007888.D
 Acq On : 24 Dec 2018 14:59
 Operator : SY/AP
 Sample : J6426-02MS
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-DS001-01MS

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 4:38:55 PM

Quant Time: Dec 25 03:18:42 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)
39) Methylcyclohexane	9.34	83	13738	14.560	ug/l	98
40) Benzene	8.32	78	93976	46.378	ug/l	99
41) Methacrylonitrile	7.48	41	12379	83.200	ug/l	95
42) 1,2-Dichloroethane	8.40	62	42377	62.406	ug/l	99
43) Isopropyl Acetate	8.43	43	18344	34.939	ug/l #	89
44) Trichloroethene	9.09	130	19173	31.288	ug/l	97
45) 1,2-Dichloropropane	9.37	63	25573	56.878	ug/l	94
46) Dibromomethane	9.46	93	15580	56.292	ug/l	96
47) Bromodichloromethane	9.65	83	34454	47.352	ug/l	99
48) Methyl methacrylate	9.44	41	25218	96.227	ug/l	91
49) 1,4-Dioxane	9.45	88	6650	1515.466	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	91082	367.079	ug/l	97
52) Toluene	10.39	92	47828	35.180	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	34313	47.411	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	38668	48.371	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	25004	65.532	ug/l	98
56) Ethyl methacrylate	10.65	69	20443	45.347	ug/l	88
57) 1,3-Dichloropropane	10.93	76	33239	52.462	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	72997	354.653	ug/l	96
59) 2-Hexanone	10.97	43	56803	325.519	ug/l	98
60) Dibromochloromethane	11.13	129	19316	38.234	ug/l	98
61) 1,2-Dibromoethane	11.24	107	16479	42.649	ug/l	98
64) Tetrachloroethene	10.87	164	7671	31.409	ug/l	93
65) Chlorobenzene	11.66	112	33430	44.782	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	16350	61.295	ug/l	98
67) Ethyl Benzene	11.73	91	47084	36.755	ug/l	95
68) m/p-Xylenes	11.84	106	35907	72.259	ug/l	98
69) o-Xylene	12.17	106	16628	35.698	ug/l	96
70) Styrene	12.18	104	27075	35.361	ug/l	98
71) Bromoform	12.35	173	7925	57.232	ug/l #	98
73) Isopropylbenzene	12.47	105	32270	50.025	ug/l	99
74) N-amyl acetate	12.27	43	3684	32.970	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.72	83	16992	175.685	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	13716m	207.945	ug/l	
77) Bromobenzene	12.75	156	8895	60.168	ug/l #	51
78) n-propylbenzene	12.80	91	30650	40.817	ug/l	98
79) 2-Chlorotoluene	12.90	91	21648	49.488	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	22333	40.137	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	5530	175.984	ug/l	97
82) 4-Chlorotoluene	12.99	91	21672	46.529	ug/l	94
83) tert-Butylbenzene	13.21	119	19030	38.978	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	24491	43.620	ug/l	98
85) sec-Butylbenzene	13.39	105	22215	33.016	ug/l	99
86) p-Isopropyltoluene	13.50	119	18105	29.591	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	10536	35.895	ug/l #	80
88) 1,4-Dichlorobenzene	13.58	146	10712	36.484	ug/l #	83
89) n-Butylbenzene	13.83	91	14395	25.661	ug/l	96
90) Hexachloroethane	14.10	117	3142	29.251	ug/l	89
91) 1,2-Dichlorobenzene	13.88	146	10032	38.173	ug/l #	63
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2130	107.237	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122518\
Data File : VW007888.D
Acq On : 24 Dec 2018 14:59
Operator : SY/AP
Sample : J6426-02MS
Misc : 5.02G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-DS001-01MS

Manual Integrations
APPROVED

MMDadoda
12/26/2018 4:38:55 PM

Quant Time: Dec 25 03:18:42 2018
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.13	180	2676	14.669	ug/l #	13
94) Hexachlorobutadiene	15.24	225	1152	11.816	ug/l	86
95) Naphthalene	15.38	128	10289	30.506	ug/l	95
96) 1,2,3-Trichlorobenzene	15.56	180	2315	14.825	ug/l #	72

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

