

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW013012.D
 Acq On : 15 Sep 2019 00:59
 Operator : SY/VA
 Sample : VW0915SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0915SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/16/2019 11:14:49 AM

Quant Time: Sep 16 08:02:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	298500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	461336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	388873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	194426	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	156121	56.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.26%	
35) Dibromofluoromethane	7.88	113	129208	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
50) Toluene-d8	10.32	98	511556	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
62) 4-Bromofluorobenzene	12.62	95	180313	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.01	85	25644	19.734	ug/l	91
3) Chloromethane	2.21	50	36119	22.473	ug/l	97
4) Vinyl Chloride	2.36	62	43303	20.268	ug/l	100
5) Bromomethane	2.76	94	26150	20.042	ug/l	97
6) Chloroethane	2.92	64	26738	20.405	ug/l	96
7) Trichlorofluoromethane	3.25	101	23262	15.569	ug/l	95
8) Diethyl Ether	3.68	74	25122	21.534	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44298	19.548	ug/l	100
10) Methyl Iodide	4.27	142	63330	22.331	ug/l	99
11) Tert butyl alcohol	5.19	59	19951	93.825	ug/l #	79
12) 1,1-Dichloroethene	4.04	96	41960	20.365	ug/l	94
13) Acrolein	3.89	56	20901	98.598	ug/l	95
14) Allyl chloride	4.66	41	83578	21.367	ug/l	97
15) Acrylonitrile	5.37	53	64402	108.084	ug/l	98
16) Acetone	4.12	43	53415	75.660	ug/l	97
17) Carbon Disulfide	4.38	76	87669	21.351	ug/l	97
18) Methyl Acetate	4.67	43	37177	23.670	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	89070	21.900	ug/l	97
20) Methylene Chloride	4.91	84	57380	22.958	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	45229	20.495	ug/l	94
22) Diisopropyl ether	6.31	45	180206	22.176	ug/l	98
23) Vinyl Acetate	6.24	43	495414	101.791	ug/l	100
24) 1,1-Dichloroethane	6.21	63	99443	21.225	ug/l	97
25) 2-Butanone	7.17	43	86599	98.788	ug/l	99
26) 2,2-Dichloropropane	7.16	77	56392	16.019	ug/l	96
27) cis-1,2-Dichloroethene	7.16	96	56294	21.307	ug/l	98
28) Bromochloromethane	7.51	49	41864	21.229	ug/l	94
29) Tetrahydrofuran	7.53	42	58586	117.294	ug/l	95
30) Chloroform	7.67	83	100611	21.134	ug/l	98
31) Cyclohexane	7.95	56	80412	20.342	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	78469	20.016	ug/l	98
36) 1,1-Dichloropropene	8.08	75	70740	19.189	ug/l	98
37) Ethyl Acetate	7.25	43	40900	20.902	ug/l	99
38) Carbon Tetrachloride	8.07	117	67321	17.820	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	73423	18.176	ug/l	97
40) Benzene	8.32	78	206792	20.094	ug/l	99
41) Methacrylonitrile	7.48	41	23896	18.544	ug/l	93
42) 1,2-Dichloroethane	8.40	62	67367	19.527	ug/l	97
43) Isopropyl Acetate	8.42	43	70681	18.813	ug/l	99
44) Trichloroethene	9.09	130	56136	19.914	ug/l	91
45) 1,2-Dichloropropane	9.37	63	53820	19.683	ug/l	99
46) Dibromomethane	9.46	93	25971	19.825	ug/l	98
47) Bromodichloromethane	9.64	83	72863	19.829	ug/l	98
48) Methyl methacrylate	9.43	41	34704	19.682	ug/l	99
49) 1,4-Dioxane	9.46	88	7984	363.728	ug/l	88
51) 4-Methyl-2-Pentanone	10.21	43	196106	101.104	ug/l	100
52) Toluene	10.38	92	127768	19.538	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	69231	18.734	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	79529	18.808	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	41372	20.731	ug/l	95
56) Ethyl methacrylate	10.65	69	55645	20.715	ug/l	99
57) 1,3-Dichloropropane	10.93	76	72962	20.610	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	141979	98.532	ug/l	98
59) 2-Hexanone	10.97	43	129370	95.787	ug/l	100
60) Dibromochloromethane	11.13	129	46379	19.223	ug/l	96
61) 1,2-Dibromoethane	11.24	107	37369	20.527	ug/l	98
64) Tetrachloroethene	10.86	164	49431	21.367	ug/l	95
65) Chlorobenzene	11.66	112	137187	19.805	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.72	131	52536	19.792	ug/l	99
67) Ethyl Benzene	11.73	91	251332	19.646	ug/l	100
68) m/p-Xylenes	11.83	106	181503	38.838	ug/l	97
69) o-Xylene	12.16	106	90280	20.605	ug/l	100
70) Styrene	12.18	104	156234	20.045	ug/l	100
71) Bromoform	12.35	173	27325	19.598	ug/l #	98
73) Isopropylbenzene	12.46	105	247651	19.217	ug/l	100
74) N-amyl acetate	12.27	43	64044	19.319	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	44459	19.642	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	38289m	22.483	ug/l	
77) Bromobenzene	12.74	156	58608	19.741	ug/l	99
78) n-propylbenzene	12.80	91	292586	19.301	ug/l	100
79) 2-Chlorotoluene	12.89	91	173487	19.908	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	214673	19.690	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13757	18.325	ug/l	97
82) 4-Chlorotoluene	12.99	91	179929	19.569	ug/l	99
83) tert-Butylbenzene	13.21	119	188407	19.320	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	209574	19.453	ug/l	100
85) sec-Butylbenzene	13.38	105	236105	17.770	ug/l	99
86) p-Isopropyltoluene	13.50	119	228475	18.730	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	112518	19.145	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	111799	19.358	ug/l	97
89) n-Butylbenzene	13.82	91	209422	18.204	ug/l	100
90) Hexachloroethane	14.09	117	40570	18.559	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	103124	19.953	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8453	20.403	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	70166	19.036	ug/l	98
94) Hexachlorobutadiene	15.23	225	48956	18.762	ug/l	99
95) Naphthalene	15.36	128	125868	20.437	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	65256	20.028	ug/l	99

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

