

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011818.D
 Acq On : 09 Aug 2019 18:16
 Operator : SY/VA
 Sample : VW0812SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/13/2019 2:44:06 PM

Quant Time: Aug 11 01:39:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	228335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	371062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	325973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159406	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	144790	55.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.44%	
35) Dibromofluoromethane	7.88	113	113610	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	
50) Toluene-d8	10.32	98	463932	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	
62) 4-Bromofluorobenzene	12.62	95	164413	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27503	21.613	ug/l	100
3) Chloromethane	2.21	50	41988	19.028	ug/l	99
4) Vinyl Chloride	2.36	62	51836	19.512	ug/l	100
5) Bromomethane	2.76	94	23909	16.259	ug/l	100
6) Chloroethane	2.90	64	27330	18.010	ug/l	97
7) Trichlorofluoromethane	3.25	101	24519	20.651	ug/l	100
8) Diethyl Ether	3.68	74	26284	19.525	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45295	20.111	ug/l	97
10) Methyl Iodide	4.27	142	58673	18.434	ug/l	97
11) Tert butyl alcohol	5.19	59	16058	70.161	ug/l #	94
12) 1,1-Dichloroethene	4.03	96	44575	18.745	ug/l	97
13) Acrolein	3.89	56	13487	71.689	ug/l	100
14) Allyl chloride	4.67	41	96089	18.998	ug/l	98
15) Acrylonitrile	5.37	53	61780	91.937	ug/l	100
16) Acetone	4.13	43	56421	67.649	ug/l	98
17) Carbon Disulfide	4.38	76	134251	18.038	ug/l	100
18) Methyl Acetate	4.67	43	37970	20.265	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	72707	19.267	ug/l	98
20) Methylene Chloride	4.92	84	57688	20.056	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	49406	19.271	ug/l	97
22) Diisopropyl ether	6.31	45	190185	19.944	ug/l	99
23) Vinyl Acetate	6.25	43	557451	93.034	ug/l	98
24) 1,1-Dichloroethane	6.21	63	99950	19.571	ug/l	98
25) 2-Butanone	7.18	43	87125	79.832	ug/l	97
26) 2,2-Dichloropropane	7.17	77	54768	17.438	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	53803	19.068	ug/l	100
28) Bromochloromethane	7.51	49	49124	21.671	ug/l #	99
29) Tetrahydrofuran	7.53	42	56961	91.309	ug/l	99
30) Chloroform	7.67	83	94000	19.951	ug/l	92
31) Cyclohexane	7.95	56	95446	19.469	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	72351	20.163	ug/l	99
36) 1,1-Dichloropropene	8.08	75	77250	20.021	ug/l	100
37) Ethyl Acetate	7.25	43	40193	18.106	ug/l	97
38) Carbon Tetrachloride	8.07	117	66474	20.125	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	83512	19.657	ug/l	97
40) Benzene	8.32	78	211853	19.602	ug/l	100
41) Methacrylonitrile	7.48	41	23312	17.568	ug/l #	92
42) 1,2-Dichloroethane	8.40	62	67470	19.940	ug/l	99
43) Isopropyl Acetate	8.43	43	75028	18.378	ug/l	99
44) Trichloroethene	9.09	130	51033	19.647	ug/l	94
45) 1,2-Dichloropropane	9.37	63	56948	19.693	ug/l	99
46) Dibromomethane	9.46	93	25397	19.242	ug/l	100
47) Bromodichloromethane	9.65	83	67400	19.468	ug/l	99
48) Methyl methacrylate	9.43	41	36366	18.544	ug/l	98
49) 1,4-Dioxane	9.46	88	7198	376.653	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	193846	91.287	ug/l	99
52) Toluene	10.38	92	128249	19.650	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	66938	18.509	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	81080	18.855	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	35919	19.181	ug/l	98
56) Ethyl methacrylate	10.65	69	51320	18.728	ug/l	98
57) 1,3-Dichloropropane	10.93	76	67983	19.189	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	131725	105.871	ug/l	99
59) 2-Hexanone	10.97	43	130246	86.871	ug/l	99
60) Dibromochloromethane	11.13	129	39476	18.991	ug/l	99
61) 1,2-Dibromoethane	11.23	107	33147	18.704	ug/l	99
64) Tetrachloroethene	10.86	164	41600	19.600	ug/l	98
65) Chlorobenzene	11.66	112	128878	19.665	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	43773	19.175	ug/l	98
67) Ethyl Benzene	11.73	91	243012	19.470	ug/l	99
68) m/p-Xylenes	11.84	106	177374	39.076	ug/l	99
69) o-Xylene	12.16	106	82799	19.630	ug/l	99
70) Styrene	12.18	104	142883	19.592	ug/l	99
71) Bromoform	12.35	173	21444	18.424	ug/l #	95
73) Isopropylbenzene	12.46	105	229812	19.325	ug/l	99
74) N-amyl acetate	12.27	43	67439	18.114	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	41950	18.754	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	28925m	17.149	ug/l	
77) Bromobenzene	12.74	156	50218	19.105	ug/l	99
78) n-propylbenzene	12.80	91	282771	19.538	ug/l	100
79) 2-Chlorotoluene	12.89	91	161048	19.316	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	193439	19.405	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	12848	17.555	ug/l	91
82) 4-Chlorotoluene	12.99	91	169608	19.388	ug/l	100
83) tert-Butylbenzene	13.21	119	163579	19.623	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	195271	19.446	ug/l	99
85) sec-Butylbenzene	13.38	105	233708	19.648	ug/l	100
86) p-Isopropyltoluene	13.50	119	207992	19.273	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	98957	19.200	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	97109	18.941	ug/l	98
89) n-Butylbenzene	13.82	91	205262	19.059	ug/l	99
90) Hexachloroethane	14.09	117	35781	18.750	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	87397	19.173	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6914	18.126	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	58218	18.122	ug/l	99
94) Hexachlorobutadiene	15.24	225	38998	19.465	ug/l	98
95) Naphthalene	15.36	128	98638	17.092	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	50169	17.815	ug/l	98

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

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