

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011842.D
 Acq On : 12 Aug 2019 10:58
 Operator : SY/VA
 Sample : VW0812SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/13/2019 4:32:21 PM

Quant Time: Aug 13 08:04:00 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	223558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	351733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	309620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151704	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	144333	56.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.44%	
35) Dibromofluoromethane	7.88	113	113460	57.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.00%	
50) Toluene-d8	10.32	98	464525	57.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.00%	
62) 4-Bromofluorobenzene	12.62	95	163709	56.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	29398	23.595	ug/l	98
3) Chloromethane	2.21	50	45069	20.861	ug/l	100
4) Vinyl Chloride	2.36	62	57282	22.023	ug/l	100
5) Bromomethane	2.77	94	26961	18.727	ug/l	100
6) Chloroethane	2.92	64	32096	21.602	ug/l	98
7) Trichlorofluoromethane	3.25	101	31402	27.014	ug/l	98
8) Diethyl Ether	3.68	74	29211	22.163	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50216	22.773	ug/l	98
10) Methyl Iodide	4.27	142	66195	21.242	ug/l	99
11) Tert butyl alcohol	5.19	59	18670	86.917	ug/l	99
12) 1,1-Dichloroethene	4.04	96	49876	21.422	ug/l	100
13) Acrolein	3.90	56	15797	85.762	ug/l	95
14) Allyl chloride	4.67	41	106279	21.462	ug/l	98
15) Acrylonitrile	5.37	53	73349	111.486	ug/l	100
16) Acetone	4.13	43	75627	92.615	ug/l	99
17) Carbon Disulfide	4.38	76	151515	20.792	ug/l	99
18) Methyl Acetate	4.67	43	42157	22.981	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	83650	22.641	ug/l	95
20) Methylene Chloride	4.92	84	57108	20.278	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	53629	21.365	ug/l	92
22) Diisopropyl ether	6.31	45	202181	21.655	ug/l	98
23) Vinyl Acetate	6.25	43	643440	109.680	ug/l	99
24) 1,1-Dichloroethane	6.21	63	107195	21.438	ug/l	99
25) 2-Butanone	7.17	43	108118	101.185	ug/l	100
26) 2,2-Dichloropropane	7.17	77	62989	20.484	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	57585	20.844	ug/l	99
28) Bromochloromethane	7.51	49	50959	22.961	ug/l	99
29) Tetrahydrofuran	7.53	42	67663	110.782	ug/l	99
30) Chloroform	7.67	83	98952	21.450	ug/l	100
31) Cyclohexane	7.95	56	105503	21.981	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	78414	22.320	ug/l	98
36) 1,1-Dichloropropene	8.08	75	83074	22.714	ug/l	99
37) Ethyl Acetate	7.25	43	47756	22.696	ug/l	97
38) Carbon Tetrachloride	8.07	117	72157	23.046	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	90226	22.404	ug/l	98
40) Benzene	8.32	78	226757	22.134	ug/l	99
41) Methacrylonitrile	7.48	41	27012	21.475	ug/l	95
42) 1,2-Dichloroethane	8.40	62	73955	23.057	ug/l	99
43) Isopropyl Acetate	8.43	43	89200	23.050	ug/l	100
44) Trichloroethene	9.09	130	55274	22.449	ug/l	93
45) 1,2-Dichloropropane	9.37	63	61506	22.438	ug/l	99
46) Dibromomethane	9.46	93	27966	22.353	ug/l	100
47) Bromodichloromethane	9.65	83	72884	22.209	ug/l	99
48) Methyl methacrylate	9.44	41	42048	22.620	ug/l	96
49) 1,4-Dioxane	9.46	88	7859	433.841	ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	232329	115.423	ug/l	100
52) Toluene	10.39	92	138134	22.328	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	74578	21.754	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	88994	21.833	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	39854	22.452	ug/l	99
56) Ethyl methacrylate	10.65	69	58421	22.491	ug/l	99
57) 1,3-Dichloropropane	10.93	76	76234	22.700	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	156262	132.494	ug/l	100
59) 2-Hexanone	10.97	43	162269	114.177	ug/l	99
60) Dibromochloromethane	11.13	129	44107	22.385	ug/l	99
61) 1,2-Dibromoethane	11.23	107	37688	22.435	ug/l	98
64) Tetrachloroethene	10.86	164	44822	22.234	ug/l	97
65) Chlorobenzene	11.66	112	135497	21.767	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	48704	22.462	ug/l	98
67) Ethyl Benzene	11.73	91	259377	21.878	ug/l	100
68) m/p-Xylenes	11.84	106	189725	44.005	ug/l	98
69) o-Xylene	12.16	106	86401	21.565	ug/l	97
70) Styrene	12.18	104	151887	21.926	ug/l	100
71) Bromoform	12.35	173	24811	22.443	ug/l #	98
73) Isopropylbenzene	12.46	105	247439	21.863	ug/l	100
74) N-amyl acetate	12.27	43	79356	22.396	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	49314	23.165	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	34489m	21.486	ug/l	
77) Bromobenzene	12.74	156	53708	21.470	ug/l	97
78) n-propylbenzene	12.80	91	303752	22.053	ug/l	100
79) 2-Chlorotoluene	12.89	91	172273	21.711	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	210456	22.184	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16244	23.322	ug/l	96
82) 4-Chlorotoluene	12.99	91	181633	21.817	ug/l	99
83) tert-Butylbenzene	13.21	119	174494	21.995	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	208366	21.803	ug/l	99
85) sec-Butylbenzene	13.38	105	250459	22.126	ug/l	100
86) p-Isopropyltoluene	13.50	119	224360	21.845	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	106382	21.689	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	105927	21.710	ug/l	99
89) n-Butylbenzene	13.82	91	223346	21.791	ug/l	99
90) Hexachloroethane	14.09	117	39774	21.900	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	94433	21.768	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8140	22.423	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	64297	21.030	ug/l	100
94) Hexachlorobutadiene	15.24	225	42297	22.184	ug/l	99
95) Naphthalene	15.36	128	115425	20.542	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	57429	21.429	ug/l	99

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

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