

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012764.D
 Acq On : 08 Sep 2019 13:01
 Operator : SY/VA
 Sample : VW0908SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/9/2019 11:25:23 AM

Quant Time: Sep 09 07:20:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	239077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	365645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	302938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	149812	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	116037	43.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.88%	
35) Dibromofluoromethane	7.88	113	94437	43.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.88%	
50) Toluene-d8	10.32	98	365372	42.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.80%	
62) 4-Bromofluorobenzene	12.62	95	136326	44.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	32860	25.353	ug/l	99
3) Chloromethane	2.21	50	35714	22.673	ug/l	97
4) Vinyl Chloride	2.36	62	41474	21.474	ug/l	95
5) Bromomethane	2.78	94	23903	22.792	ug/l	99
6) Chloroethane	2.92	64	24225	21.020	ug/l	96
7) Trichlorofluoromethane	3.25	101	27562	20.680	ug/l	94
8) Diethyl Ether	3.68	74	21284	19.001	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	46055	22.020	ug/l	99
10) Methyl Iodide	4.27	142	58639	22.271	ug/l	99
11) Tert butyl alcohol	5.21	59	15461	75.648	ug/l #	93
12) 1,1-Dichloroethene	4.04	96	41938	21.241	ug/l	92
13) Acrolein	3.90	56	16090	74.186	ug/l	97
14) Allyl chloride	4.67	41	80653	19.747	ug/l	97
15) Acrylonitrile	5.37	53	52769	80.656	ug/l	99
16) Acetone	4.14	43	55073	75.624	ug/l	96
17) Carbon Disulfide	4.38	76	92147	21.988	ug/l	99
18) Methyl Acetate	4.67	43	25879	15.146	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	74463	19.017	ug/l	97
20) Methylene Chloride	4.92	84	46129	20.247	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	44175	21.928	ug/l	95
22) Diisopropyl ether	6.31	45	160560	19.821	ug/l	98
23) Vinyl Acetate	6.26	43	461968	89.988	ug/l	100
24) 1,1-Dichloroethane	6.21	63	91360	20.946	ug/l	99
25) 2-Butanone	7.18	43	66587	76.891	ug/l	100
26) 2,2-Dichloropropane	7.17	77	54431	19.759	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	44589	19.089	ug/l	99
28) Bromochloromethane	7.51	49	32507	16.231	ug/l #	99
29) Tetrahydrofuran	7.53	42	41648	70.820	ug/l	99
30) Chloroform	7.67	83	86107	19.920	ug/l	97
31) Cyclohexane	7.95	56	81923	20.863	ug/l #	92
32) 1,1,1-Trichloroethane	7.87	97	74840	21.359	ug/l	99
36) 1,1-Dichloropropene	8.08	75	67967	20.920	ug/l	100
37) Ethyl Acetate	7.26	43	32667	15.773	ug/l	99
38) Carbon Tetrachloride	8.07	117	67294	21.013	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76134	20.865	ug/l	97
40) Benzene	8.32	78	181699	20.157	ug/l	100
41) Methacrylonitrile	7.48	41	16722	14.805	ug/l #	90
42) 1,2-Dichloroethane	8.40	62	59502	18.756	ug/l	100
43) Isopropyl Acetate	8.43	43	61954	15.790	ug/l	97
44) Trichloroethene	9.09	130	48829	21.015	ug/l	93
45) 1,2-Dichloropropane	9.37	63	48622	19.448	ug/l	99
46) Dibromomethane	9.46	93	22078	18.649	ug/l	98
47) Bromodichloromethane	9.64	83	63648	19.541	ug/l	99
48) Methyl methacrylate	9.43	41	29229	15.588	ug/l	94
49) 1,4-Dioxane	9.48	88	6736	288.049	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	159059	77.254	ug/l	99
52) Toluene	10.39	92	113737	20.216	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	59675	17.818	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	71603	18.846	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	32042	18.078	ug/l	98
56) Ethyl methacrylate	10.65	69	43580	16.797	ug/l	98
57) 1,3-Dichloropropane	10.93	76	57789	17.624	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	114116	82.853	ug/l	94
59) 2-Hexanone	10.97	43	110528	73.480	ug/l	99
60) Dibromochloromethane	11.13	129	37064	17.781	ug/l	99
61) 1,2-Dibromoethane	11.23	107	28599	17.600	ug/l	99
64) Tetrachloroethene	10.86	164	40579	22.076	ug/l	98
65) Chlorobenzene	11.66	112	117463	20.515	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	44246	20.751	ug/l	99
67) Ethyl Benzene	11.73	91	231826	21.580	ug/l	100
68) m/p-Xylenes	11.83	106	166962	43.058	ug/l	99
69) o-Xylene	12.16	106	77637	21.223	ug/l	98
70) Styrene	12.18	104	135137	20.905	ug/l	100
71) Bromoform	12.35	173	20438	17.252	ug/l	98
73) Isopropylbenzene	12.46	105	223390	20.790	ug/l	99
74) N-amyl acetate	12.27	43	56512	16.570	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	37217	17.247	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	24617m	16.070	ug/l	
77) Bromobenzene	12.74	156	47765	19.621	ug/l	98
78) n-propylbenzene	12.80	91	270254	21.030	ug/l	100
79) 2-Chlorotoluene	12.89	91	154920	20.999	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	190374	21.026	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	11786	16.273	ug/l	97
82) 4-Chlorotoluene	12.99	91	161628	20.712	ug/l	99
83) tert-Butylbenzene	13.21	119	165996	20.735	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	188597	20.672	ug/l	99
85) sec-Butylbenzene	13.38	105	235768	21.223	ug/l	100
86) p-Isopropyltoluene	13.50	119	208508	20.548	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	95870	20.036	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	94609	19.871	ug/l	99
89) n-Butylbenzene	13.82	91	202579	20.564	ug/l	99
90) Hexachloroethane	14.09	117	35472	20.025	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	84879	19.709	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6283	15.910	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	56739	18.923	ug/l	100
94) Hexachlorobutadiene	15.23	225	41503	19.998	ug/l	98
95) Naphthalene	15.36	128	89893	17.471	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	49939	18.868	ug/l	99

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

