

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060719\
 Data File : VW010725.D
 Acq On : 07 Jun 2019 13:30
 Operator : SY/VA
 Sample : VW0607SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0607SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 12:24:41 PM

Quant Time: Jun 08 03:33:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	246908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	405597	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	360200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	174598	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	145661	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
35) Dibromofluoromethane	7.88	113	111053	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
50) Toluene-d8	10.32	98	463772	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
62) 4-Bromofluorobenzene	12.62	95	171069	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	45438	19.914	ug/l	97
3) Chloromethane	2.21	50	66691	19.867	ug/l	99
4) Vinyl Chloride	2.35	62	59963	19.333	ug/l	98
5) Bromomethane	2.74	94	38629	22.680	ug/l	96
6) Chloroethane	2.90	64	36633	19.677	ug/l	100
7) Trichlorofluoromethane	3.25	101	81757	20.307	ug/l	98
8) Diethyl Ether	3.68	74	28770	19.996	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	49637	20.053	ug/l	99
10) Methyl Iodide	4.27	142	30549	15.629	ug/l	98
11) Tert butyl alcohol	5.17	59	23400	98.697	ug/l	98
12) 1,1-Dichloroethene	4.03	96	46554	19.497	ug/l	97
13) Acrolein	3.89	56	8088	83.482	ug/l	96
14) Allyl chloride	4.67	41	107752	20.466	ug/l	99
15) Acrylonitrile	5.37	53	68694	98.276	ug/l	99
16) Acetone	4.12	43	73717	94.534	ug/l	97
17) Carbon Disulfide	4.38	76	144701	19.090	ug/l	99
18) Methyl Acetate	4.67	43	33942	20.221	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	138801	20.155	ug/l	100
20) Methylene Chloride	4.92	84	68169	24.919	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	53686	19.806	ug/l	96
22) Diisopropyl ether	6.31	45	219145	20.791	ug/l	99
23) Vinyl Acetate	6.26	43	646674	101.661	ug/l	100
24) 1,1-Dichloroethane	6.21	63	107722	20.393	ug/l	99
25) 2-Butanone	7.17	43	106699	98.678	ug/l	99
26) 2,2-Dichloropropane	7.16	77	88302	20.543	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	59918	20.086	ug/l	99
28) Bromochloromethane	7.51	49	46404	19.685	ug/l	96
29) Tetrahydrofuran	7.53	42	65274	95.974	ug/l	100
30) Chloroform	7.67	83	99944	20.686	ug/l	99
31) Cyclohexane	7.95	56	115705	19.705	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	85633	20.290	ug/l	99
36) 1,1-Dichloropropene	8.08	75	83199	20.039	ug/l	100
37) Ethyl Acetate	7.26	43	46188	20.076	ug/l	99
38) Carbon Tetrachloride	8.07	117	72709	20.287	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	103813	19.670	ug/l	99
40) Benzene	8.32	78	227691	20.103	ug/l	98
41) Methacrylonitrile	7.48	41	26612	19.460	ug/l	95
42) 1,2-Dichloroethane	8.40	62	74765	20.799	ug/l	100
43) Isopropyl Acetate	8.42	43	87342	19.651	ug/l	99
44) Trichloroethene	9.09	130	55666	19.924	ug/l	98
45) 1,2-Dichloropropane	9.37	63	61484	20.507	ug/l	99
46) Dibromomethane	9.46	93	28133	20.202	ug/l	98
47) Bromodichloromethane	9.65	83	73579	20.383	ug/l	98
48) Methyl methacrylate	9.44	41	41250	19.249	ug/l	98
49) 1,4-Dioxane	9.44	88	8522	391.413	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	222362	97.927	ug/l	100
52) Toluene	10.39	92	139772	20.057	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	76055	19.892	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	90236	20.056	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	39824	19.851	ug/l	99
56) Ethyl methacrylate	10.65	69	60832	19.706	ug/l	98
57) 1,3-Dichloropropane	10.93	76	75830	20.057	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	163260	100.973	ug/l	100
59) 2-Hexanone	10.97	43	158039	96.302	ug/l	99
60) Dibromochloromethane	11.13	129	43687	19.644	ug/l	100
61) 1,2-Dibromoethane	11.24	107	38095	20.042	ug/l	99
64) Tetrachloroethene	10.86	164	46344	19.378	ug/l	95
65) Chlorobenzene	11.66	112	142470	20.114	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48472	19.768	ug/l	97
67) Ethyl Benzene	11.73	91	273451	20.087	ug/l	99
68) m/p-Xylenes	11.84	106	194898	39.995	ug/l	98
69) o-Xylene	12.16	106	91929	19.890	ug/l	96
70) Styrene	12.18	104	161875	20.162	ug/l	100
71) Bromoform	12.35	173	24265	19.135	ug/l #	99
73) Isopropylbenzene	12.47	105	259957	19.813	ug/l	99
74) N-amyl acetate	12.27	43	83473	19.686	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	47685	19.091	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	35746m	19.496	ug/l	
77) Bromobenzene	12.75	156	56028	19.563	ug/l	97
78) n-propylbenzene	12.80	91	314224	19.862	ug/l	100
79) 2-Chlorotoluene	12.90	91	180487	19.969	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	215721	20.087	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	14395	18.044	ug/l	93
82) 4-Chlorotoluene	12.99	91	187303	20.081	ug/l	99
83) tert-Butylbenzene	13.21	119	179802	19.728	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	219052	20.270	ug/l	99
85) sec-Butylbenzene	13.38	105	261259	19.688	ug/l	99
86) p-Isopropyltoluene	13.50	119	237122	19.982	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	109576	19.840	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	109852	20.063	ug/l	99
89) n-Butylbenzene	13.83	91	239263	20.208	ug/l	100
90) Hexachloroethane	14.10	117	41208	19.391	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	98104	19.752	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8166	19.038	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	70246	20.154	ug/l	98
94) Hexachlorobutadiene	15.24	225	43274	19.782	ug/l	99
95) Naphthalene	15.37	128	118885	18.773	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	60021	20.249	ug/l	98

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

