

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060719\
 Data File : VW010726.D
 Acq On : 07 Jun 2019 13:57
 Operator : SY/VA
 Sample : VW0607SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0607SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 12:24:45 PM

Quant Time: Jun 08 03:34:43 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	254857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	427115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	380180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	182122	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	159775	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
35) Dibromofluoromethane	7.88	113	121309	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
50) Toluene-d8	10.32	98	514497	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	12.62	95	189343	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.00	85	42351	17.982	ug/l	99
3) Chloromethane	2.21	50	62123	17.929	ug/l	98
4) Vinyl Chloride	2.35	62	55386	17.301	ug/l	99
5) Bromomethane	2.74	94	32686	18.592	ug/l	99
6) Chloroethane	2.90	64	33893	17.638	ug/l	97
7) Trichlorofluoromethane	3.25	101	76128	18.319	ug/l	98
8) Diethyl Ether	3.68	74	27974	18.836	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	45897	17.964	ug/l	98
10) Methyl Iodide	4.27	142	33057	16.153	ug/l	99
11) Tert butyl alcohol	5.17	59	23402	95.627	ug/l	100
12) 1,1-Dichloroethene	4.03	96	44410	18.019	ug/l	96
13) Acrolein	3.89	56	8810	88.098	ug/l	99
14) Allyl chloride	4.67	41	102481	18.858	ug/l	99
15) Acrylonitrile	5.37	53	65348	90.573	ug/l	99
16) Acetone	4.12	43	69096	85.845	ug/l	100
17) Carbon Disulfide	4.37	76	136378	17.431	ug/l	98
18) Methyl Acetate	4.67	43	33436	19.298	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	130633	18.377	ug/l	100
20) Methylene Chloride	4.92	84	66492	23.548	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	51507	18.409	ug/l	96
22) Diisopropyl ether	6.31	45	208979	19.208	ug/l	96
23) Vinyl Acetate	6.26	43	614365	93.569	ug/l	100
24) 1,1-Dichloroethane	6.21	63	101737	18.659	ug/l	99
25) 2-Butanone	7.17	43	100776	90.293	ug/l	99
26) 2,2-Dichloropropane	7.17	77	81916	18.463	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	57276	18.602	ug/l	100
28) Bromochloromethane	7.51	49	46397	19.068	ug/l	97
29) Tetrahydrofuran	7.53	42	63595	90.589	ug/l	99
30) Chloroform	7.68	83	95181	19.086	ug/l	97
31) Cyclohexane	7.95	56	109757	18.109	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	80932	18.578	ug/l	100
36) 1,1-Dichloropropene	8.08	75	79105	18.093	ug/l	99
37) Ethyl Acetate	7.25	43	43318	17.880	ug/l	100
38) Carbon Tetrachloride	8.07	117	68201	18.071	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	98344	17.695	ug/l	99
40) Benzene	8.32	78	216890	18.185	ug/l	99
41) Methacrylonitrile	7.48	41	24817	17.233	ug/l	96
42) 1,2-Dichloroethane	8.40	62	71362	18.852	ug/l	99
43) Isopropyl Acetate	8.43	43	85423	18.251	ug/l	98
44) Trichloroethene	9.09	130	53129	18.058	ug/l	99
45) 1,2-Dichloropropane	9.37	63	58235	18.445	ug/l	98
46) Dibromomethane	9.46	93	27167	18.525	ug/l	99
47) Bromodichloromethane	9.64	83	69087	18.174	ug/l	96
48) Methyl methacrylate	9.43	41	40353	17.881	ug/l	99
49) 1,4-Dioxane	9.45	88	7945	346.527	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	216896	90.708	ug/l	99
52) Toluene	10.39	92	133687	18.217	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	72058	17.897	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	86375	18.231	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	38091	18.031	ug/l	97
56) Ethyl methacrylate	10.65	69	57957	17.829	ug/l	94
57) 1,3-Dichloropropane	10.93	76	72497	18.210	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	167518	98.386	ug/l	99
59) 2-Hexanone	10.97	43	152441	88.211	ug/l	99
60) Dibromochloromethane	11.13	129	41610	17.768	ug/l	99
61) 1,2-Dibromoethane	11.24	107	35788	17.880	ug/l	99
64) Tetrachloroethene	10.86	164	44790	17.744	ug/l	99
65) Chlorobenzene	11.66	112	135661	18.146	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	46573	17.996	ug/l	99
67) Ethyl Benzene	11.73	91	257964	17.954	ug/l	99
68) m/p-Xylenes	11.84	106	184114	35.796	ug/l	98
69) o-Xylene	12.17	106	86947	17.824	ug/l	96
70) Styrene	12.18	104	152560	18.003	ug/l	99
71) Bromoform	12.35	173	23097	17.256	ug/l	# 99
73) Isopropylbenzene	12.47	105	245152	17.913	ug/l	99
74) N-amyl acetate	12.27	43	80597	18.222	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	45328	17.398	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	34406m	17.990	ug/l	
77) Bromobenzene	12.75	156	54278	18.169	ug/l	99
78) n-propylbenzene	12.80	91	296266	17.953	ug/l	100
79) 2-Chlorotoluene	12.90	91	169480	17.976	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	201106	17.953	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14051	16.885	ug/l	97
82) 4-Chlorotoluene	12.99	91	178465	18.343	ug/l	98
83) tert-Butylbenzene	13.21	119	169862	17.867	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	205379	18.219	ug/l	99
85) sec-Butylbenzene	13.38	105	246070	17.777	ug/l	99
86) p-Isopropyltoluene	13.50	119	221127	17.864	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	104847	18.199	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	104018	18.212	ug/l	99
89) n-Butylbenzene	13.83	91	221731	17.954	ug/l	100
90) Hexachloroethane	14.10	117	38843	17.523	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	92174	17.791	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8033	17.955	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	67230	18.492	ug/l	98
94) Hexachlorobutadiene	15.24	225	41687	18.269	ug/l	99
95) Naphthalene	15.37	128	114528	17.338	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	57145	18.482	ug/l	99

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

