

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061019\
 Data File : VW010739.D
 Acq On : 10 Jun 2019 12:28
 Operator : SY/VA
 Sample : VW0610SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/11/2019 1:02:24 PM

Quant Time: Jun 11 05:44:33 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	264380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	439619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	387723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	182482	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	149875	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
35) Dibromofluoromethane	7.88	113	115577	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	10.32	98	484799	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	
62) 4-Bromofluorobenzene	12.62	95	177196	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	47325	19.371	ug/l	98
3) Chloromethane	2.21	50	65444	18.207	ug/l	100
4) Vinyl Chloride	2.35	62	60226	18.135	ug/l	96
5) Bromomethane	2.75	94	34631	18.989	ug/l	95
6) Chloroethane	2.90	64	36532	18.326	ug/l	100
7) Trichlorofluoromethane	3.25	101	84502	19.601	ug/l	99
8) Diethyl Ether	3.68	74	29598	19.212	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	52313	19.738	ug/l	98
10) Methyl Iodide	4.27	142	39977	18.035	ug/l	98
11) Tert butyl alcohol	5.17	59	30000	118.172	ug/l	95
12) 1,1-Dichloroethene	4.03	96	48613	19.014	ug/l	94
13) Acrolein	3.90	56	8577	82.679	ug/l	97
14) Allyl chloride	4.67	41	114314	20.278	ug/l	98
15) Acrylonitrile	5.37	53	71509	95.543	ug/l	99
16) Acetone	4.12	43	74216	88.884	ug/l	100
17) Carbon Disulfide	4.37	76	155234	19.126	ug/l	100
18) Methyl Acetate	4.68	43	35265	19.620	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	142853	19.373	ug/l	100
20) Methylene Chloride	4.92	84	58883	20.102	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	56573	19.492	ug/l	98
22) Diisopropyl ether	6.31	45	228355	20.233	ug/l	96
23) Vinyl Acetate	6.26	43	679720	99.794	ug/l	99
24) 1,1-Dichloroethane	6.22	63	114700	20.279	ug/l	97
25) 2-Butanone	7.17	43	110139	95.128	ug/l	95
26) 2,2-Dichloropropane	7.17	77	98611	21.426	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	63598	19.911	ug/l	97
28) Bromochloromethane	7.51	49	47196	18.698	ug/l	95
29) Tetrahydrofuran	7.53	42	69116	94.907	ug/l	97
30) Chloroform	7.68	83	103453	19.997	ug/l	97
31) Cyclohexane	7.95	56	122593	19.498	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	91924	20.341	ug/l	99
36) 1,1-Dichloropropene	8.08	75	88482	19.663	ug/l	99
37) Ethyl Acetate	7.26	43	46592	18.684	ug/l	99
38) Carbon Tetrachloride	8.07	117	78139	20.115	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	109732	19.182	ug/l	98
40) Benzene	8.32	78	239481	19.508	ug/l	100
41) Methacrylonitrile	7.48	41	30162	20.349	ug/l	94
42) 1,2-Dichloroethane	8.40	62	76472	19.627	ug/l	99
43) Isopropyl Acetate	8.43	43	90146	18.712	ug/l	99
44) Trichloroethene	9.09	130	57430	18.965	ug/l	98
45) 1,2-Dichloropropane	9.37	63	64675	19.902	ug/l	98
46) Dibromomethane	9.46	93	28872	19.128	ug/l	98
47) Bromodichloromethane	9.65	83	77640	19.843	ug/l	98
48) Methyl methacrylate	9.44	41	43223	18.608	ug/l	98
49) 1,4-Dioxane	9.45	88	8579	363.537	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	231854	94.206	ug/l	99
52) Toluene	10.39	92	147121	19.478	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	82238	19.844	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	97290	19.951	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	41106	18.904	ug/l	99
56) Ethyl methacrylate	10.65	69	62838	18.781	ug/l	97
57) 1,3-Dichloropropane	10.93	76	79381	19.372	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	165516	94.446	ug/l	100
59) 2-Hexanone	10.97	43	162501	91.358	ug/l	98
60) Dibromochloromethane	11.13	129	47602	19.748	ug/l	100
61) 1,2-Dibromoethane	11.24	107	39345	19.098	ug/l	99
64) Tetrachloroethene	10.86	164	48349	18.781	ug/l	95
65) Chlorobenzene	11.66	112	147806	19.386	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	52869	20.031	ug/l	100
67) Ethyl Benzene	11.73	91	285340	19.473	ug/l	99
68) m/p-Xylenes	11.84	106	201919	38.494	ug/l	98
69) o-Xylene	12.16	106	96454	19.388	ug/l	99
70) Styrene	12.18	104	166147	19.225	ug/l	99
71) Bromoform	12.35	173	25942	19.005	ug/l #	100
73) Isopropylbenzene	12.46	105	269421	19.647	ug/l	100
74) N-amyl acetate	12.27	43	83787	18.906	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	48801	18.694	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	36352m	18.970	ug/l	
77) Bromobenzene	12.75	156	59375	19.836	ug/l	99
78) n-propylbenzene	12.80	91	326238	19.730	ug/l	100
79) 2-Chlorotoluene	12.90	91	187708	19.870	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	219076	19.518	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16088	19.295	ug/l	98
82) 4-Chlorotoluene	12.99	91	193100	19.808	ug/l	99
83) tert-Butylbenzene	13.21	119	186755	19.605	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	220175	19.493	ug/l	99
85) sec-Butylbenzene	13.38	105	270728	19.520	ug/l	99
86) p-Isopropyltoluene	13.50	119	240434	19.386	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	112695	19.523	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	111408	19.468	ug/l	99
89) n-Butylbenzene	13.83	91	243247	19.657	ug/l	99
90) Hexachloroethane	14.10	117	45788	20.615	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	100108	19.284	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8574	19.126	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	73333	20.131	ug/l	98
94) Hexachlorobutadiene	15.24	225	43704	19.116	ug/l	98
95) Naphthalene	15.37	128	123817	18.707	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	61522	19.858	ug/l	98

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

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