

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093019\
 Data File : VW013348.D
 Acq On : 30 Sep 2019 23:30
 Operator : SY/VA
 Sample : VW0930SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0930SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/1/2019 11:32:58 AM

Quant Time: Oct 01 06:27:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	275009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	384780	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	335551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	169229	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	116169	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
35) Dibromofluoromethane	7.88	113	113009	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
50) Toluene-d8	10.32	98	468694	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
62) 4-Bromofluorobenzene	12.62	95	160608	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	31852	20.079	ug/l	91
3) Chloromethane	2.21	50	41718	20.458	ug/l	98
4) Vinyl Chloride	2.35	62	55537	21.125	ug/l	99
5) Bromomethane	2.76	94	34105	20.471	ug/l	99
6) Chloroethane	2.91	64	31609	20.398	ug/l	97
7) Trichlorofluoromethane	3.25	101	28103	18.539	ug/l	96
8) Diethyl Ether	3.68	74	28226	21.799	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	55358	22.430	ug/l	99
10) Methyl Iodide	4.27	142	77222	20.181	ug/l	99
11) Tert butyl alcohol	5.19	59	27131	164.461	ug/l #	93
12) 1,1-Dichloroethene	4.04	96	53334	20.869	ug/l	97
13) Acrolein	3.89	56	13206	102.211	ug/l	99
14) Allyl chloride	4.66	41	80475	19.785	ug/l	99
15) Acrylonitrile	5.37	53	74656	133.582	ug/l	99
16) Acetone	4.12	43	59478	117.510	ug/l #	88
17) Carbon Disulfide	4.38	76	150047	20.313	ug/l	98
18) Methyl Acetate	4.67	43	41479	29.153	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	89111	22.750	ug/l	97
20) Methylene Chloride	4.92	84	60283	21.640	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	57497	20.815	ug/l	99
22) Diisopropyl ether	6.31	45	159809	20.662	ug/l	97
23) Vinyl Acetate	6.25	43	502057	109.415	ug/l	97
24) 1,1-Dichloroethane	6.21	63	96916	20.765	ug/l	97
25) 2-Butanone	7.17	43	97875	128.813	ug/l	91
26) 2,2-Dichloropropane	7.16	77	59537	19.272	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	62121	21.310	ug/l	98
28) Bromochloromethane	7.51	49	31377	17.516	ug/l #	94
29) Tetrahydrofuran	7.53	42	64430	138.270	ug/l	99
30) Chloroform	7.67	83	94968	20.783	ug/l	100
31) Cyclohexane	7.95	56	103942	21.365	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	79568	21.500	ug/l	99
36) 1,1-Dichloropropene	8.08	75	82178	22.050	ug/l	99
37) Ethyl Acetate	7.25	43	45035	28.432	ug/l	99
38) Carbon Tetrachloride	8.07	117	74343	22.253	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	109599	22.884	ug/l	99
40) Benzene	8.32	78	226788	21.816	ug/l	100
41) Methacrylonitrile	7.49	41	24260	25.663	ug/l	97
42) 1,2-Dichloroethane	8.40	62	62783	22.467	ug/l	99
43) Isopropyl Acetate	8.42	43	75639	24.916	ug/l	98
44) Trichloroethene	9.09	130	64718	22.189	ug/l	97
45) 1,2-Dichloropropane	9.37	63	54680	21.545	ug/l	98
46) Dibromomethane	9.46	93	30087	24.418	ug/l	98
47) Bromodichloromethane	9.65	83	67006	21.372	ug/l	96
48) Methyl methacrylate	9.43	41	39448	27.635	ug/l	92
49) 1,4-Dioxane	9.46	88	11786	637.233	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	209525	137.675	ug/l	98
52) Toluene	10.38	92	144083	21.627	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	69911	21.703	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	83809	21.399	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	42902	23.295	ug/l	95
56) Ethyl methacrylate	10.65	69	59496	24.684	ug/l	99
57) 1,3-Dichloropropane	10.93	76	75040	23.349	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	137280	123.030	ug/l	98
59) 2-Hexanone	10.97	43	142433	136.033	ug/l	99
60) Dibromochloromethane	11.13	129	47910	22.910	ug/l	98
61) 1,2-Dibromoethane	11.23	107	43074	24.599	ug/l	100
64) Tetrachloroethene	10.86	164	58929	23.146	ug/l	99
65) Chlorobenzene	11.66	112	150787	21.520	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	53267	22.252	ug/l	99
67) Ethyl Benzene	11.73	91	275905	21.732	ug/l	99
68) m/p-Xylenes	11.84	106	211154	43.646	ug/l	99
69) o-Xylene	12.16	106	96038	21.352	ug/l	98
70) Styrene	12.18	104	167009	21.628	ug/l	100
71) Bromoform	12.35	173	30658	24.242	ug/l #	99
73) Isopropylbenzene	12.46	105	278255	22.258	ug/l	100
74) N-amyl acetate	12.27	43	67621	24.377	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	53001	25.351	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	42403m	28.372	ug/l	
77) Bromobenzene	12.74	156	65797	22.211	ug/l	99
78) n-propylbenzene	12.80	91	321033	21.939	ug/l	99
79) 2-Chlorotoluene	12.89	91	179751	21.926	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	229566	21.846	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	16008	24.035	ug/l	96
82) 4-Chlorotoluene	12.99	91	185780	21.490	ug/l	98
83) tert-Butylbenzene	13.21	119	207170	22.461	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	229208	21.919	ug/l	99
85) sec-Butylbenzene	13.38	105	287998	22.648	ug/l	100
86) p-Isopropyltoluene	13.50	119	262487	22.255	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	125053	21.934	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	123096	22.014	ug/l	99
89) n-Butylbenzene	13.82	91	232948	21.630	ug/l	99
90) Hexachloroethane	14.09	117	44390	22.404	ug/l	97
91) 1,2-Dichlorobenzene	13.86	146	111835	22.674	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8849	27.672	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	78237	22.136	ug/l	98
94) Hexachlorobutadiene	15.24	225	55242	22.846	ug/l	98
95) Naphthalene	15.36	128	143579	24.838	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	69169	22.649	ug/l	100

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

