

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060519\
 Data File : VW010690.D
 Acq On : 05 Jun 2019 14:15
 Operator : SY/VA
 Sample : VW0605SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS02

Manual Integrations
 APPROVED

MMDadoda
 6/6/2019 11:51:49 AM

Quant Time: Jun 05 15:29:42 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	245909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	407589	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	360045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	175257	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	157080	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	
35) Dibromofluoromethane	7.88	113	120352	54.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.80%	
50) Toluene-d8	10.32	98	508744	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	
62) 4-Bromofluorobenzene	12.62	95	187344	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	51633	22.721	ug/l	98
3) Chloromethane	2.22	50	76397	22.850	ug/l	98
4) Vinyl Chloride	2.35	62	67936	21.993	ug/l	98
5) Bromomethane	2.74	94	36958	21.787	ug/l	95
6) Chloroethane	2.90	64	41669	22.473	ug/l	97
7) Trichlorofluoromethane	3.25	101	89639	22.355	ug/l	99
8) Diethyl Ether	3.68	74	31867	22.238	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	55233	22.405	ug/l	99
10) Methyl Iodide	4.27	142	41614	19.612	ug/l	98
11) Tert butyl alcohol	5.17	59	26087	110.477	ug/l	98
12) 1,1-Dichloroethene	4.03	96	52449	22.055	ug/l	99
13) Acrolein	3.90	56	8293	85.946	ug/l	99
14) Allyl chloride	4.67	41	115720	22.069	ug/l	98
15) Acrylonitrile	5.37	53	76011	109.186	ug/l	98
16) Acetone	4.12	43	83910	108.043	ug/l	99
17) Carbon Disulfide	4.37	76	163081	21.603	ug/l	99
18) Methyl Acetate	4.67	43	37888	22.663	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	152254	22.198	ug/l	96
20) Methylene Chloride	4.92	84	62820	23.057	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	59812	22.155	ug/l	99
22) Diisopropyl ether	6.31	45	236976	22.574	ug/l	97
23) Vinyl Acetate	6.26	43	698432	110.243	ug/l	99
24) 1,1-Dichloroethane	6.22	63	118285	22.484	ug/l	99
25) 2-Butanone	7.17	43	115828	107.556	ug/l	99
26) 2,2-Dichloropropane	7.17	77	94420	22.056	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	66260	22.302	ug/l	99
28) Bromochloromethane	7.51	49	51506	21.938	ug/l	97
29) Tetrahydrofuran	7.53	42	75412	111.330	ug/l	99
30) Chloroform	7.68	83	106891	22.214	ug/l	98
31) Cyclohexane	7.95	56	127092	21.732	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	94455	22.471	ug/l	100
36) 1,1-Dichloropropene	8.08	75	90870	21.780	ug/l	99
37) Ethyl Acetate	7.25	43	50624	21.897	ug/l	100
38) Carbon Tetrachloride	8.07	117	79215	21.994	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	113900	21.475	ug/l	98
40) Benzene	8.32	78	248249	21.811	ug/l	99
41) Methacrylonitrile	7.48	41	32729	23.816	ug/l	91
42) 1,2-Dichloroethane	8.40	62	80864	22.385	ug/l	100
43) Isopropyl Acetate	8.43	43	97574	21.845	ug/l	100
44) Trichloroethene	9.09	130	61346	21.850	ug/l	97
45) 1,2-Dichloropropane	9.37	63	67059	22.257	ug/l	100
46) Dibromomethane	9.46	93	30243	21.611	ug/l	99
47) Bromodichloromethane	9.65	83	80554	22.206	ug/l	98
48) Methyl methacrylate	9.44	41	46884	21.771	ug/l	98
49) 1,4-Dioxane	9.45	88	9870	451.110	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	248939	109.096	ug/l	100
52) Toluene	10.39	92	154649	22.083	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	83129	21.635	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	99206	21.942	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	43772	21.712	ug/l	97
56) Ethyl methacrylate	10.65	69	67826	21.864	ug/l	95
57) 1,3-Dichloropropane	10.93	76	83379	21.946	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	171029	105.261	ug/l	100
59) 2-Hexanone	10.97	43	179586	108.897	ug/l	99
60) Dibromochloromethane	11.13	129	47869	21.420	ug/l	99
61) 1,2-Dibromoethane	11.24	107	41270	21.606	ug/l	98
64) Tetrachloroethene	10.86	164	51392	21.498	ug/l	94
65) Chlorobenzene	11.66	112	155986	22.031	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	54234	22.128	ug/l	99
67) Ethyl Benzene	11.73	91	297925	21.895	ug/l	99
68) m/p-Xylenes	11.84	106	215848	44.313	ug/l	100
69) o-Xylene	12.16	106	102319	22.148	ug/l	98
70) Styrene	12.18	104	176595	22.005	ug/l	100
71) Bromoform	12.35	173	27010	21.308	ug/l #	98
73) Isopropylbenzene	12.46	105	283888	21.556	ug/l	99
74) N-amyl acetate	12.27	43	92426	21.715	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	53286	21.253	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	38568m	20.956	ug/l	
77) Bromobenzene	12.75	156	61647	21.444	ug/l	98
78) n-propylbenzene	12.80	91	344526	21.695	ug/l	100
79) 2-Chlorotoluene	12.90	91	196627	21.673	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	236553	21.944	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	16299	20.354	ug/l	100
82) 4-Chlorotoluene	12.99	91	204485	21.841	ug/l	100
83) tert-Butylbenzene	13.21	119	198298	21.675	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	235983	21.754	ug/l	100
85) sec-Butylbenzene	13.38	105	285844	21.460	ug/l	99
86) p-Isopropyltoluene	13.50	119	258186	21.675	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	120916	21.811	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	120880	21.994	ug/l	98
89) n-Butylbenzene	13.83	91	260531	21.922	ug/l	100
90) Hexachloroethane	14.10	117	45612	21.382	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	108026	21.668	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9036	20.988	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	76751	21.937	ug/l	99
94) Hexachlorobutadiene	15.24	225	47943	21.834	ug/l	98
95) Naphthalene	15.37	128	135745	21.355	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	66295	22.281	ug/l	99

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

