

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011332.D
 Acq On : 18 Jul 2019 14:09
 Operator : SY/VA
 Sample : VW0718SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0718SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/19/2019 9:53:54 AM

Quant Time: Jul 19 07:00:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	188699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	306790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	265941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	129065	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	102908	43.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.80%	
35) Dibromofluoromethane	7.88	113	84700	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	
50) Toluene-d8	10.32	98	346930	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
62) 4-Bromofluorobenzene	12.62	95	121468	44.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	30766	21.861	ug/l	98
3) Chloromethane	2.21	50	38362	21.154	ug/l	100
4) Vinyl Chloride	2.36	62	49695	20.937	ug/l	94
5) Bromomethane	2.76	94	24446	20.497	ug/l	95
6) Chloroethane	2.90	64	26073	20.395	ug/l	99
7) Trichlorofluoromethane	3.24	101	15705	18.626	ug/l	96
8) Diethyl Ether	3.68	74	22340	19.148	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42848	21.215	ug/l	99
10) Methyl Iodide	4.26	142	56042	20.175	ug/l	98
11) Tert butyl alcohol	5.17	59	17510	99.746	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	42623	20.333	ug/l	95
13) Acrolein	3.89	56	11223	80.287	ug/l	100
14) Allyl chloride	4.66	41	80612	21.088	ug/l	100
15) Acrylonitrile	5.36	53	56386	94.897	ug/l	98
16) Acetone	4.12	43	55549	97.368	ug/l	96
17) Carbon Disulfide	4.37	76	121850	19.173	ug/l	100
18) Methyl Acetate	4.66	43	37008	22.020	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	59097	18.580	ug/l	99
20) Methylene Chloride	4.90	84	52605	23.374	ug/l	96
21) trans-1,2-Dichloroethene	5.41	96	45002	20.660	ug/l	96
22) Diisopropyl ether	6.31	45	164214	19.973	ug/l	99
23) Vinyl Acetate	6.25	43	458476	90.106	ug/l	99
24) 1,1-Dichloroethane	6.20	63	89587	20.751	ug/l	98
25) 2-Butanone	7.17	43	84504	94.360	ug/l	98
26) 2,2-Dichloropropane	7.16	77	48207	21.481	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	48415	20.605	ug/l	98
28) Bromochloromethane	7.51	49	36998	18.847	ug/l #	97
29) Tetrahydrofuran	7.52	42	50677	86.300	ug/l	98
30) Chloroform	7.67	83	82026	20.515	ug/l	100
31) Cyclohexane	7.95	56	94228	20.515	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	62407	20.519	ug/l	99
36) 1,1-Dichloropropene	8.08	75	68580	20.992	ug/l	99
37) Ethyl Acetate	7.24	43	37162	18.932	ug/l	99
38) Carbon Tetrachloride	8.06	117	57637	20.811	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	81368	20.549	ug/l	99
40) Benzene	8.32	78	188870	20.919	ug/l	99
41) Methacrylonitrile	7.48	41	20199	17.992	ug/l	99
42) 1,2-Dichloroethane	8.40	62	58606	20.010	ug/l	100
43) Isopropyl Acetate	8.42	43	66129	17.844	ug/l	97
44) Trichloroethene	9.09	130	45305	20.852	ug/l	100
45) 1,2-Dichloropropane	9.37	63	50360	20.597	ug/l	97
46) Dibromomethane	9.45	93	22310	19.425	ug/l	99
47) Bromodichloromethane	9.64	83	56863	19.350	ug/l	100
48) Methyl methacrylate	9.43	41	31367	17.593	ug/l	96
49) 1,4-Dioxane	9.45	88	6659	347.350	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	177046	91.454	ug/l	98
52) Toluene	10.38	92	114604	20.925	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	56594	18.092	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	69760	18.947	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	31251	19.180	ug/l	96
56) Ethyl methacrylate	10.65	69	44651	18.000	ug/l	97
57) 1,3-Dichloropropane	10.93	76	59838	19.421	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	85319	74.188	ug/l	100
59) 2-Hexanone	10.97	43	119908	89.314	ug/l	100
60) Dibromochloromethane	11.13	129	33814	18.925	ug/l	98
61) 1,2-Dibromoethane	11.23	107	29617	19.190	ug/l	99
64) Tetrachloroethene	10.86	164	38028	21.191	ug/l	98
65) Chlorobenzene	11.66	112	112192	20.750	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	38471	20.208	ug/l	99
67) Ethyl Benzene	11.73	91	218555	21.115	ug/l	98
68) m/p-Xylenes	11.84	106	157073	41.938	ug/l	98
69) o-Xylene	12.16	106	73187	20.733	ug/l	98
70) Styrene	12.18	104	125959	20.675	ug/l	99
71) Bromoform	12.35	173	17878	17.663	ug/l #	99
73) Isopropylbenzene	12.46	105	204776	21.225	ug/l	100
74) N-amyl acetate	12.27	43	60990	18.151	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	38600	19.517	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	26379m	17.686	ug/l	
77) Bromobenzene	12.74	156	43782	20.221	ug/l	98
78) n-propylbenzene	12.80	91	252969	21.285	ug/l	100
79) 2-Chlorotoluene	12.89	91	144837	21.177	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	172129	21.000	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	10406	15.780	ug/l	94
82) 4-Chlorotoluene	12.99	91	148480	20.844	ug/l	100
83) tert-Butylbenzene	13.21	119	144484	21.136	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	173475	21.078	ug/l	100
85) sec-Butylbenzene	13.38	105	210356	21.326	ug/l	100
86) p-Isopropyltoluene	13.50	119	187410	21.183	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	88824	21.322	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	87853	20.943	ug/l	98
89) n-Butylbenzene	13.82	91	186029	21.078	ug/l	99
90) Hexachloroethane	14.10	117	31861	19.708	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	78141	20.676	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6087	17.352	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	52465	20.155	ug/l	97
94) Hexachlorobutadiene	15.24	225	34000	21.275	ug/l	99
95) Naphthalene	15.37	128	88840	17.810	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	44964	19.572	ug/l	99

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

