

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011519\
 Data File : VW008281.D
 Acq On : 15 Jan 2019 13:52
 Operator : SY/VA
 Sample : VW0115SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0115SBS01

Quant Time: Jan 16 01:15:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	88566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	150229	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	140706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	71825	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	46966	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
35) Dibromofluoromethane	7.88	113	45912	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
50) Toluene-d8	10.32	98	190280	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.62	95	68228	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	14086m	19.488	ug/l
3) Chloromethane	2.21	50	18149	19.354	ug/l
4) Vinyl Chloride	2.37	62	24520	20.034	ug/l
5) Bromomethane	2.78	94	21382	23.322	ug/l
6) Chloroethane	2.92	64	18095	19.648	ug/l
7) Trichlorofluoromethane	3.25	101	21287	21.394	ug/l
8) Diethyl Ether	3.68	74	11675	20.756	ug/l
9) 1,1,2-Trichlorotrifluoroet	4.06	101	20908	21.165	ug/l
10) Methyl Iodide	4.26	142	28687	19.925	ug/l
11) Tert butyl alcohol	5.22	59	6149m	82.627	ug/l
12) 1,1-Dichloroethene	4.03	96	19828	20.443	ug/l #
13) Acrolein	3.89	56	4879m	72.561	ug/l
14) Allyl chloride	4.66	41	33260	18.888	ug/l
15) Acrylonitrile	5.37	53	21939	102.446	ug/l
16) Acetone	4.13	43	21163	106.106	ug/l
17) Carbon Disulfide	4.37	76	58214	19.214	ug/l
18) Methyl Acetate	4.68	43	12311	19.568	ug/l
19) Methyl tert-butyl Ether	5.42	73	30500	19.343	ug/l
20) Methylene Chloride	4.90	84	24148	21.942	ug/l
21) trans-1,2-Dichloroethene	5.42	96	22028	20.899	ug/l
22) Diisopropyl ether	6.31	45	66608	19.833	ug/l
23) Vinyl Acetate	6.26	43	175494	99.496	ug/l
24) 1,1-Dichloroethane	6.21	63	39438	20.154	ug/l #
25) 2-Butanone	7.18	43	28778	103.909	ug/l
26) 2,2-Dichloropropane	7.16	77	26475	19.968	ug/l
27) cis-1,2-Dichloroethene	7.16	96	23941	20.819	ug/l
28) Bromochloromethane	7.51	49	15617	20.177	ug/l
29) Tetrahydrofuran	7.53	42	18216	98.464	ug/l
30) Chloroform	7.68	83	39059	20.970	ug/l
31) Cyclohexane	7.95	56	39381	18.799	ug/l
32) 1,1,1-Trichloroethane	7.87	97	33021	20.375	ug/l
36) 1,1-Dichloropropene	8.08	75	32674	21.114	ug/l
37) Ethyl Acetate	7.26	43	13082	21.101	ug/l
38) Carbon Tetrachloride	8.06	117	30607	21.609	ug/l

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	38985	19.868	ug/l	95
40) Benzene	8.32	78	89351	21.288	ug/l	97
41) Methacrylonitrile	7.49	41	7695	19.648	ug/l	95
42) 1,2-Dichloroethane	8.40	62	25687	21.759	ug/l	96
43) Isopropyl Acetate	8.43	43	25284	20.397	ug/l	98
44) Trichloroethene	9.09	130	24030	22.365	ug/l	90
45) 1,2-Dichloropropane	9.37	63	22695	21.807	ug/l	96
46) Dibromomethane	9.46	93	11253	22.017	ug/l	97
47) Bromodichloromethane	9.64	83	28741	22.146	ug/l	100
48) Methyl methacrylate	9.44	41	11715	20.029	ug/l	89
49) 1,4-Dioxane	9.47	88	3696	449.652	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	62028	103.376	ug/l	98
52) Toluene	10.39	92	57740	21.540	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	28429	21.059	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	33366	20.843	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	16992	23.679	ug/l	96
56) Ethyl methacrylate	10.65	69	18794	21.148	ug/l	95
57) 1,3-Dichloropropane	10.93	76	28613	21.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	48651	105.981	ug/l	95
59) 2-Hexanone	10.97	43	44849	110.530	ug/l	98
60) Dibromochloromethane	11.13	129	19256	24.436	ug/l	99
61) 1,2-Dibromoethane	11.24	107	15684	23.034	ug/l	99
64) Tetrachloroethene	10.87	164	19494	21.288	ug/l	94
65) Chlorobenzene	11.66	112	63386	21.264	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	21806	22.490	ug/l	98
67) Ethyl Benzene	11.73	91	111925	20.520	ug/l	96
68) m/p-Xylenes	11.84	106	88092	42.314	ug/l	97
69) o-Xylene	12.17	106	40431	20.972	ug/l	100
70) Styrene	12.18	104	65300	21.625	ug/l	98
71) Bromoform	12.35	173	10558	24.331	ug/l #	97
73) Isopropylbenzene	12.47	105	112715	19.989	ug/l	99
74) N-amyl acetate	12.27	43	23427	18.760	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	18717	20.737	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	13761m	21.017	ug/l	
77) Bromobenzene	12.75	156	24619	20.662	ug/l	90
78) n-propylbenzene	12.81	91	133448	19.314	ug/l	97
79) 2-Chlorotoluene	12.90	91	72364	18.773	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	93844	20.252	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	5752	20.457	ug/l	96
82) 4-Chlorotoluene	12.99	91	81261	20.016	ug/l	97
83) tert-Butylbenzene	13.21	119	83579	20.388	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	96536	20.199	ug/l	97
85) sec-Butylbenzene	13.39	105	119567	19.911	ug/l	100
86) p-Isopropyltoluene	13.50	119	104682	20.187	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	53040	21.945	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	52322	21.576	ug/l	99
89) n-Butylbenzene	13.83	91	103487	20.376	ug/l	98
90) Hexachloroethane	14.10	117	19177	21.894	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	46196	21.748	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3037	20.908	ug/l	88

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93) 1,2,4-Trichlorobenzene	15.14	180	29392	20.841	ug/l	96
94) Hexachlorobutadiene	15.24	225	17456	23.126	ug/l	97
95) Naphthalene	15.37	128	51900	19.709	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	25792	21.454	ug/l	98

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

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