

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012119\
 Data File : VW008369.D
 Acq On : 21 Jan 2019 12:33
 Operator : SY/VA
 Sample : VW0121SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0121SBSD01

Quant Time: Jan 22 04:00:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	142208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	235919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	212239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	108850	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	75265	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
35) Dibromofluoromethane	7.88	113	76136	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
50) Toluene-d8	10.32	98	317721	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
62) 4-Bromofluorobenzene	12.62	95	108115	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	20449	22.821	ug/l	86
3) Chloromethane	2.21	50	22135	16.852	ug/l	93
4) Vinyl Chloride	2.37	62	33902	20.200	ug/l	100
5) Bromomethane	2.78	94	24199	19.026	ug/l	99
6) Chloroethane	2.93	64	22584	20.559	ug/l	97
7) Trichlorofluoromethane	3.26	101	28202	22.886	ug/l	100
8) Diethyl Ether	3.68	74	14909	17.447	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	30194	21.046	ug/l	95
10) Methyl Iodide	4.27	142	41918	18.116	ug/l	98
11) Tert butyl alcohol	5.19	59	7352	73.814	ug/l	97
12) 1,1-Dichloroethene	4.04	96	28954	19.843	ug/l	92
13) Acrolein	3.89	56	5413	58.619	ug/l #	81
14) Allyl chloride	4.67	41	48818	20.012	ug/l	97
15) Acrylonitrile	5.37	53	28986	88.305	ug/l	98
16) Acetone	4.12	43	30376	88.419	ug/l	96
17) Carbon Disulfide	4.38	76	81905	18.447	ug/l	97
18) Methyl Acetate	4.67	43	16585	18.073	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	40489	18.127	ug/l	95
20) Methylene Chloride	4.91	84	43875	25.808	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	31877	19.451	ug/l	85
22) Diisopropyl ether	6.31	45	93747	19.684	ug/l	96
23) Vinyl Acetate	6.26	43	231717	91.021	ug/l	98
24) 1,1-Dichloroethane	6.21	63	56727	19.563	ug/l	97
25) 2-Butanone	7.17	43	37223	84.595	ug/l	96
26) 2,2-Dichloropropane	7.16	77	38066	20.570	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	34098	19.204	ug/l	98
28) Bromochloromethane	7.51	49	19660	16.456	ug/l #	100
29) Tetrahydrofuran	7.54	42	21736	79.238	ug/l	95
30) Chloroform	7.68	83	56165	19.576	ug/l	95
31) Cyclohexane	7.95	56	54344	19.669	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	49081	20.383	ug/l	97
36) 1,1-Dichloropropene	8.08	75	45349	19.106	ug/l	98
37) Ethyl Acetate	7.26	43	16053	16.401	ug/l	96
38) Carbon Tetrachloride	8.07	117	44986	19.194	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	55259	19.572	ug/l	98
40) Benzene	8.32	78	127042	18.895	ug/l	99
41) Methacrylonitrile	7.49	41	8560	15.023	ug/l #	92
42) 1,2-Dichloroethane	8.40	62	34622	18.415	ug/l	99
43) Isopropyl Acetate	8.43	43	30880	16.702	ug/l	96
44) Trichloroethene	9.09	130	34189	18.560	ug/l	99
45) 1,2-Dichloropropane	9.37	63	31761	19.017	ug/l	94
46) Dibromomethane	9.46	93	15347	17.631	ug/l	96
47) Bromodichloromethane	9.65	83	39432	18.365	ug/l	100
48) Methyl methacrylate	9.44	41	14035	16.125	ug/l	91
49) 1,4-Dioxane	9.45	88	4833	344.908	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	74178	79.234	ug/l	99
52) Toluene	10.39	92	81532	19.162	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	37937	17.703	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	45199	17.892	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	22326	18.492	ug/l	93
56) Ethyl methacrylate	10.65	69	24118	17.010	ug/l	96
57) 1,3-Dichloropropane	10.93	76	37710	17.989	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	60995	89.184	ug/l	98
59) 2-Hexanone	10.97	43	54895	83.687	ug/l	99
60) Dibromochloromethane	11.13	129	25979	18.030	ug/l	98
61) 1,2-Dibromoethane	11.24	107	19594	16.760	ug/l	93
64) Tetrachloroethene	10.87	164	28527	19.169	ug/l	96
65) Chlorobenzene	11.66	112	89605	19.356	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	30781	19.319	ug/l	99
67) Ethyl Benzene	11.73	91	155712	19.372	ug/l	100
68) m/p-Xylenes	11.84	106	123980	39.738	ug/l	100
69) o-Xylene	12.17	106	57677	19.787	ug/l	98
70) Styrene	12.18	104	91242	19.488	ug/l	100
71) Bromoform	12.35	173	14089	17.750	ug/l #	97
73) Isopropylbenzene	12.47	105	157948	19.915	ug/l	99
74) N-amyl acetate	12.28	43	28705	16.889	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	24589	18.227	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	18078m	18.238	ug/l	
77) Bromobenzene	12.75	156	36436	19.126	ug/l	98
78) n-propylbenzene	12.81	91	192950	20.100	ug/l	100
79) 2-Chlorotoluene	12.90	91	108292	19.744	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	130193	19.672	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.52	75	7205	17.346	ug/l	93
82) 4-Chlorotoluene	12.99	91	111225	19.406	ug/l	99
83) tert-Butylbenzene	13.21	119	118526	20.347	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	135502	20.098	ug/l	99
85) sec-Butylbenzene	13.39	105	171978	20.563	ug/l	99
86) p-Isopropyltoluene	13.51	119	151784	20.779	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	74123	19.583	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	72306	19.067	ug/l	97
89) n-Butylbenzene	13.83	91	143676	20.505	ug/l	98
90) Hexachloroethane	14.10	117	26265	19.429	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	63895	19.119	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3846	17.435	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	42107	18.613	ug/l	98
94) Hexachlorobutadiene	15.24	225	25258	19.811	ug/l	99
95) Naphthalene	15.38	128	66217	17.440	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	36845	18.699	ug/l	99

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

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