

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021919\
 Data File : VW008747.D
 Acq On : 19 Feb 2019 12:51
 Operator : SY/VA
 Sample : VW0219SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0219SBS01

Quant Time: Feb 20 07:04:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	361599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	536450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	482104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	253545	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	182501	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
35) Dibromofluoromethane	7.88	113	170292	51.12	ug/l	0.00
Spiked Amount			Recovery	=	102.24%	
50) Toluene-d8	10.32	98	641675	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.62	95	236466	48.89	ug/l	0.00
Spiked Amount			Recovery	=	97.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	48838	21.087	ug/l	96
3) Chloromethane	2.21	50	60458	18.108	ug/l	98
4) Vinyl Chloride	2.36	62	79834	18.204	ug/l	97
5) Bromomethane	2.78	94	66841	19.261	ug/l	93
6) Chloroethane	2.92	64	60292	18.476	ug/l	99
7) Trichlorofluoromethane	3.25	101	60605	17.743	ug/l	98
8) Diethyl Ether	3.67	74	38238	18.759	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	73304	20.307	ug/l	98
10) Methyl Iodide	4.26	142	112881	20.036	ug/l	100
11) Tert butyl alcohol	5.17	59	28687	95.375	ug/l	95
12) 1,1-Dichloroethene	4.02	96	68849	19.503	ug/l	98
13) Acrolein	3.89	56	24436	78.853	ug/l	97
14) Allyl chloride	4.65	41	110237	18.795	ug/l	99
15) Acrylonitrile	5.36	53	79007	92.086	ug/l	99
16) Acetone	4.12	43	75672	88.458	ug/l	96
17) Carbon Disulfide	4.37	76	201739	18.937	ug/l	99
18) Methyl Acetate	4.67	43	36096	18.465	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	117917	19.028	ug/l	99
20) Methylene Chloride	4.91	84	75769	15.045	ug/l	86
21) trans-1,2-Dichloroethene	5.40	96	76970	19.910	ug/l	97
22) Diisopropyl ether	6.31	45	223373	18.923	ug/l	98
23) Vinyl Acetate	6.25	43	686604	89.619	ug/l	100
24) 1,1-Dichloroethane	6.21	63	130973	19.228	ug/l	100
25) 2-Butanone	7.17	43	107919	89.341	ug/l	98
26) 2,2-Dichloropropane	7.16	77	90369	21.237	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	81355	19.461	ug/l	99
28) Bromochloromethane	7.50	49	56933	19.799	ug/l	97
29) Tetrahydrofuran	7.52	42	70952	89.116	ug/l	99
30) Chloroform	7.67	83	134059	19.641	ug/l	91
31) Cyclohexane	7.95	56	131750	19.163	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	117819	20.439	ug/l	100
36) 1,1-Dichloropropene	8.07	75	110588	20.519	ug/l	99
37) Ethyl Acetate	7.25	43	49882	19.186	ug/l	99
38) Carbon Tetrachloride	8.06	117	112694	21.028	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	132391	19.421	ug/l	97
40) Benzene	8.32	78	299338	20.336	ug/l	99
41) Methacrylonitrile	7.48	41	28618	19.564	ug/l	94
42) 1,2-Dichloroethane	8.40	62	93497	20.478	ug/l	99
43) Isopropyl Acetate	8.42	43	93023	17.944	ug/l	96
44) Trichloroethene	9.09	130	85135	20.860	ug/l	91
45) 1,2-Dichloropropane	9.37	63	71264	19.563	ug/l	99
46) Dibromomethane	9.46	93	40012	19.939	ug/l	99
47) Bromodichloromethane	9.64	83	97834	20.286	ug/l #	99
48) Methyl methacrylate	9.43	41	44195	18.395	ug/l	99
49) 1,4-Dioxane	9.45	88	12630	394.300	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	246931	92.726	ug/l	100
52) Toluene	10.38	92	189477	19.954	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	97065	19.159	ug/l	92
54) cis-1,3-Dichloropropene	10.07	75	111958	19.494	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	55778	20.258	ug/l	96
56) Ethyl methacrylate	10.65	69	66603	18.217	ug/l	98
57) 1,3-Dichloropropane	10.93	76	96381	19.729	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.92	63	173166	98.733	ug/l	97
59) 2-Hexanone	10.97	43	168930	90.299	ug/l	100
60) Dibromochloromethane	11.13	129	64866	19.689	ug/l	99
61) 1,2-Dibromoethane	11.23	107	53545	19.751	ug/l	99
64) Tetrachloroethene	10.86	164	74237	20.707	ug/l	98
65) Chlorobenzene	11.66	112	214379	20.631	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	73611	19.997	ug/l	98
67) Ethyl Benzene	11.73	91	365050	19.722	ug/l	97
68) m/p-Xylenes	11.84	106	285240	39.606	ug/l	100
69) o-Xylene	12.16	106	133971	19.680	ug/l	97
70) Styrene	12.18	104	215934	19.420	ug/l	99
71) Bromoform	12.35	173	38563	19.443	ug/l	96
73) Isopropylbenzene	12.46	105	372572	19.727	ug/l	99
74) N-amyl acetate	12.27	43	89145	17.455	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	63068	19.193	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	45647m	18.232	ug/l	
77) Bromobenzene	12.75	156	88289	20.337	ug/l	95
78) n-propylbenzene	12.80	91	446251	19.886	ug/l	99
79) 2-Chlorotoluene	12.89	91	251704	19.847	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	316034	20.146	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	19350	18.701	ug/l	96
82) 4-Chlorotoluene	12.99	91	266198	19.806	ug/l	99
83) tert-Butylbenzene	13.21	119	272979	20.041	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	318271	19.740	ug/l	100
85) sec-Butylbenzene	13.38	105	394271	19.879	ug/l	99
86) p-Isopropyltoluene	13.50	119	358889	20.227	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	177341	20.151	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	177596	20.476	ug/l	99
89) n-Butylbenzene	13.83	91	329414	19.537	ug/l	98
90) Hexachloroethane	14.10	117	62235	20.077	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	157611	20.214	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11380	19.930	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	117534	21.176	ug/l	98
94) Hexachlorobutadiene	15.24	225	72091	22.313	ug/l	98
95) Naphthalene	15.37	128	195322	19.637	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	100581	21.118	ug/l	99

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

