

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020619\
 Data File : VW008519.D
 Acq On : 06 Feb 2019 11:27
 Operator : SY/VA
 Sample : VW0206SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0206SBS01

Quant Time: Feb 07 02:02:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	626570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	953254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	831595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	429760	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	298523	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
35) Dibromofluoromethane	7.88	113	296316	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
50) Toluene-d8	10.32	98	1126959	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.62	95	413282	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	49572	16.053	ug/l 94
3) Chloromethane	2.21	50	83297	16.286	ug/l 99
4) Vinyl Chloride	2.36	62	117473	18.043	ug/l 99
5) Bromomethane	2.78	94	99469	23.686	ug/l 99
6) Chloroethane	2.93	64	87153	21.888	ug/l 99
7) Trichlorofluoromethane	3.25	101	85847	18.452	ug/l 97
8) Diethyl Ether	3.68	74	57388	18.366	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	106653	18.820	ug/l 98
10) Methyl Iodide	4.26	142	170029	18.995	ug/l 99
11) Tert butyl alcohol	5.18	59	35256m	71.140	ug/l
12) 1,1-Dichloroethene	4.03	96	102804	17.925	ug/l 96
13) Acrolein	3.89	56	29155	69.747	ug/l 98
14) Allyl chloride	4.65	41	182261	16.736	ug/l 98
15) Acrylonitrile	5.37	53	117211	86.870	ug/l 97
16) Acetone	4.12	43	112087	81.087	ug/l 91
17) Carbon Disulfide	4.37	76	312470	17.059	ug/l 98
18) Methyl Acetate	4.67	43	59381	16.106	ug/l 95
19) Methyl tert-butyl Ether	5.42	73	173618	18.297	ug/l 98
20) Methylene Chloride	4.91	84	122328	19.200	ug/l 94
21) trans-1,2-Dichloroethene	5.42	96	119094	18.471	ug/l 92
22) Diisopropyl ether	6.31	45	355114	17.205	ug/l 95
23) Vinyl Acetate	6.25	43	1034997	84.923	ug/l 97
24) 1,1-Dichloroethane	6.20	63	209253	17.911	ug/l 98
25) 2-Butanone	7.17	43	162603	84.690	ug/l 98
26) 2,2-Dichloropropane	7.16	77	141096	17.867	ug/l 97
27) cis-1,2-Dichloroethene	7.16	96	130588	18.584	ug/l 97
28) Bromochloromethane	7.51	49	94234	17.561	ug/l 96
29) Tetrahydrofuran	7.53	42	101152	83.136	ug/l 98
30) Chloroform	7.67	83	211828	18.434	ug/l 98
31) Cyclohexane	7.95	56	205163	16.983	ug/l 96
32) 1,1,1-Trichloroethane	7.87	97	184487	18.587	ug/l 99
36) 1,1-Dichloropropene	8.08	75	171906	19.091	ug/l 98
37) Ethyl Acetate	7.25	43	70519	17.701	ug/l 98
38) Carbon Tetrachloride	8.06	117	177146	19.550	ug/l 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	216131	18.271	ug/l	99
40) Benzene	8.32	78	471925	18.887	ug/l	96
41) Methacrylonitrile	7.48	41	42498	18.016	ug/l	99
42) 1,2-Dichloroethane	8.40	62	139260	19.232	ug/l	99
43) Isopropyl Acetate	8.42	43	143852	17.381	ug/l	97
44) Trichloroethene	9.09	130	133009	19.576	ug/l	100
45) 1,2-Dichloropropane	9.37	63	116832	18.753	ug/l	99
46) Dibromomethane	9.46	93	60522	18.887	ug/l	97
47) Bromodichloromethane	9.64	83	157234	18.551	ug/l	98
48) Methyl methacrylate	9.43	41	66951	16.544	ug/l	95
49) 1,4-Dioxane	9.46	88	17908	330.628	ug/l #	72
51) 4-Methyl-2-Pentanone	10.21	43	352285	86.156	ug/l	99
52) Toluene	10.38	92	308954	18.731	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	159956	17.736	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	186168	18.190	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	82840	18.638	ug/l	98
56) Ethyl methacrylate	10.65	69	106699	17.132	ug/l	96
57) 1,3-Dichloropropane	10.93	76	150207	18.864	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	286794	94.778	ug/l	97
59) 2-Hexanone	10.97	43	252887	87.607	ug/l	99
60) Dibromochloromethane	11.13	129	103893	18.189	ug/l	99
61) 1,2-Dibromoethane	11.23	107	80874	18.351	ug/l	99
64) Tetrachloroethene	10.86	164	112053	19.901	ug/l	92
65) Chlorobenzene	11.66	112	333442	19.642	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	116600	19.198	ug/l	97
67) Ethyl Benzene	11.73	91	590252	18.916	ug/l	98
68) m/p-Xylenes	11.84	106	458049	37.833	ug/l	97
69) o-Xylene	12.16	106	216933	18.858	ug/l	99
70) Styrene	12.18	104	347529	18.289	ug/l	97
71) Bromoform	12.35	173	62922	18.413	ug/l	99
73) Isopropylbenzene	12.46	105	601697	18.780	ug/l	99
74) N-amyl acetate	12.27	43	138587	16.790	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	95910	18.908	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	66049m	17.677	ug/l	
77) Bromobenzene	12.75	156	136106	19.452	ug/l	94
78) n-propylbenzene	12.80	91	718234	18.664	ug/l	98
79) 2-Chlorotoluene	12.89	91	399052	18.377	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	497283	18.569	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	31191	16.487	ug/l	97
82) 4-Chlorotoluene	12.99	91	414013	17.908	ug/l	96
83) tert-Butylbenzene	13.21	119	433764	18.202	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	508166	18.669	ug/l	99
85) sec-Butylbenzene	13.38	105	631597	18.558	ug/l	99
86) p-Isopropyltoluene	13.50	119	565326	18.963	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	274228	19.406	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	271843	19.357	ug/l	99
89) n-Butylbenzene	13.83	91	535250	18.286	ug/l	99
90) Hexachloroethane	14.10	117	106334	18.239	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	242303	19.379	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16824	17.480	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	183560	20.572	ug/l	96
94) Hexachlorobutadiene	15.24	225	109071	20.283	ug/l	99
95) Naphthalene	15.37	128	302825	19.329	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	150619	19.900	ug/l	99

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

