

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020819\
 Data File : VW008583.D
 Acq On : 08 Feb 2019 20:06
 Operator : SY/VA
 Sample : VW0208SBS01
 Misc : 6.57G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0208SBS01

Quant Time: Feb 09 01:36:19 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	432692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	690144	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	616182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	321100	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	217226	51.10	ug/l	0.00
Spiked Amount						
			Recovery	=	102.20%	
35) Dibromofluoromethane	7.88	113	194669	48.24	ug/l	0.00
Spiked Amount						
			Recovery	=	96.48%	
50) Toluene-d8	10.32	98	733986	45.36	ug/l	0.00
Spiked Amount						
			Recovery	=	90.72%	
62) 4-Bromofluorobenzene	12.62	95	280640	45.12	ug/l	0.00
Spiked Amount						
			Recovery	=	90.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	37379	17.229	ug/l	96
3) Chloromethane	2.21	50	65697	18.601	ug/l	99
4) Vinyl Chloride	2.36	62	88825	19.756	ug/l	96
5) Bromomethane	2.78	94	67795	23.378	ug/l	92
6) Chloroethane	2.92	64	65764	23.917	ug/l	96
7) Trichlorofluoromethane	3.25	101	60869	18.819	ug/l	96
8) Diethyl Ether	3.67	74	49263	22.830	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	74666	19.079	ug/l	98
10) Methyl Iodide	4.26	142	121654	19.681	ug/l	99
11) Tert butyl alcohol	5.18	59	36025	105.263	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	73425	18.539	ug/l	98
13) Acrolein	3.89	56	24980	85.529	ug/l	99
14) Allyl chloride	4.65	41	133071	17.694	ug/l	97
15) Acrylonitrile	5.37	53	102639	110.155	ug/l	99
16) Acetone	4.12	43	90333	94.631	ug/l	98
17) Carbon Disulfide	4.37	76	204739	16.186	ug/l	97
18) Methyl Acetate	4.67	43	55125	21.651	ug/l	94
19) Methyl tert-butyl Ether	5.42	73	151332	23.094	ug/l	96
20) Methylene Chloride	4.90	84	93648	21.285	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	84583	18.996	ug/l	98
22) Diisopropyl ether	6.31	45	280846	19.704	ug/l	94
23) Vinyl Acetate	6.25	43	871583	103.559	ug/l	98
24) 1,1-Dichloroethane	6.21	63	154213	19.114	ug/l	99
25) 2-Butanone	7.17	43	145351	109.625	ug/l	95
26) 2,2-Dichloropropane	7.16	77	97034	17.793	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	98400	20.278	ug/l	97
28) Bromochloromethane	7.51	49	76113	20.540	ug/l #	15
29) Tetrahydrofuran	7.53	42	97473	116.009	ug/l	99
30) Chloroform	7.67	83	159080	20.046	ug/l	98
31) Cyclohexane	7.95	56	147048	17.626	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	131383	19.168	ug/l	100
36) 1,1-Dichloropropene	8.08	75	123150	18.890	ug/l	99
37) Ethyl Acetate	7.25	43	65654	22.763	ug/l	97
38) Carbon Tetrachloride	8.06	117	122814	18.721	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	153473	17.921	ug/l	99
40) Benzene	8.32	78	345602	19.105	ug/l	99
41) Methacrylonitrile	7.48	41	37899	22.191	ug/l	98
42) 1,2-Dichloroethane	8.40	62	114262	21.796	ug/l	100
43) Isopropyl Acetate	8.43	43	132739	22.152	ug/l	99
44) Trichloroethene	9.09	130	96042	19.524	ug/l	95
45) 1,2-Dichloropropane	9.37	63	88175	19.549	ug/l	97
46) Dibromomethane	9.46	93	48970	21.109	ug/l	97
47) Bromodichloromethane	9.64	83	121934	19.871	ug/l	99
48) Methyl methacrylate	9.43	41	60214	20.551	ug/l	98
49) 1,4-Dioxane	9.46	88	17250	439.897	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	341203	115.259	ug/l	99
52) Toluene	10.38	92	221089	18.514	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	123934	18.981	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	142545	19.237	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	71572	22.242	ug/l	96
56) Ethyl methacrylate	10.65	69	93309	20.694	ug/l	99
57) 1,3-Dichloropropane	10.93	76	121359	21.052	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	252456	115.237	ug/l	97
59) 2-Hexanone	10.97	43	232308	111.160	ug/l	98
60) Dibromochloromethane	11.13	129	81811	19.784	ug/l	99
61) 1,2-Dibromoethane	11.23	107	67955	21.298	ug/l	96
64) Tetrachloroethene	10.86	164	84768	20.319	ug/l	98
65) Chlorobenzene	11.66	112	251851	20.022	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	88663	19.701	ug/l	98
67) Ethyl Benzene	11.73	91	438004	18.944	ug/l	99
68) m/p-Xylenes	11.84	106	339005	37.789	ug/l	99
69) o-Xylene	12.16	106	161453	18.942	ug/l	99
70) Styrene	12.18	104	261969	18.606	ug/l	97
71) Bromoform	12.35	173	50431	19.917	ug/l #	97
73) Isopropylbenzene	12.46	105	444098	18.552	ug/l	99
74) N-amyl acetate	12.27	43	128413	20.823	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	81826	21.590	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	68613m	24.577	ug/l	
77) Bromobenzene	12.75	156	105272	20.136	ug/l	96
78) n-propylbenzene	12.80	91	527186	18.336	ug/l	99
79) 2-Chlorotoluene	12.89	91	302189	18.625	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	369077	18.446	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	25961	18.367	ug/l	92
82) 4-Chlorotoluene	12.99	91	314944	18.232	ug/l	97
83) tert-Butylbenzene	13.21	119	326428	18.333	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	383011	18.833	ug/l	99
85) sec-Butylbenzene	13.38	105	467319	18.378	ug/l	100
86) p-Isopropyltoluene	13.50	119	416606	18.704	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	210285	19.917	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	206174	19.649	ug/l	99
89) n-Butylbenzene	13.83	91	390145	17.839	ug/l	99
90) Hexachloroethane	14.10	117	77508	17.794	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	189892	20.326	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14471	20.124	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	132196	19.829	ug/l	98
94) Hexachlorobutadiene	15.24	225	77757	19.353	ug/l	100
95) Naphthalene	15.37	128	255094	21.792	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	117503	20.778	ug/l	100

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

