

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020819\
 Data File : VW008575.D
 Acq On : 08 Feb 2019 15:41
 Operator : SY/VA
 Sample : VW0208SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0208SBSD01

Quant Time: Feb 09 01:17:44 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	528698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	850444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	853196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	482560	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	239835	46.18	ug/l	0.00
Spiked Amount			Recovery	=	92.36%	
35) Dibromofluoromethane	7.88	113	212496	42.73	ug/l	0.00
Spiked Amount			Recovery	=	85.46%	
50) Toluene-d8	10.32	98	881890	44.22	ug/l	0.00
Spiked Amount			Recovery	=	88.44%	
62) 4-Bromofluorobenzene	12.62	95	395462	51.59	ug/l	0.00
Spiked Amount			Recovery	=	103.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	60166	21.664	ug/l	93
3) Chloromethane	2.21	50	91936	21.303	ug/l	95
4) Vinyl Chloride	2.36	62	117904	21.462	ug/l	100
5) Bromomethane	2.78	94	79471	22.428	ug/l	96
6) Chloroethane	2.92	64	76966	22.908	ug/l	98
7) Trichlorofluoromethane	3.25	101	80845	20.045	ug/l	91
8) Diethyl Ether	3.67	74	61681	23.394	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	103817	21.711	ug/l	99
10) Methyl Iodide	4.26	142	157979	20.916	ug/l	98
11) Tert butyl alcohol	5.18	59	47404	113.360	ug/l	100
12) 1,1-Dichloroethene	4.03	96	97442	20.136	ug/l	90
13) Acrolein	3.89	56	36398	101.187	ug/l	98
14) Allyl chloride	4.65	41	187657	20.421	ug/l	97
15) Acrylonitrile	5.37	53	131886	115.841	ug/l	99
16) Acetone	4.12	43	135536	116.202	ug/l	98
17) Carbon Disulfide	4.37	76	286704	18.550	ug/l	100
18) Methyl Acetate	4.67	43	72265	23.229	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	193563	24.175	ug/l	98
20) Methylene Chloride	4.91	84	121103	22.527	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	113254	20.817	ug/l	98
22) Diisopropyl ether	6.31	45	381760	21.920	ug/l	97
23) Vinyl Acetate	6.25	43	1154567	112.271	ug/l	99
24) 1,1-Dichloroethane	6.21	63	209495	21.251	ug/l	99
25) 2-Butanone	7.17	43	189091	116.717	ug/l	100
26) 2,2-Dichloropropane	7.16	77	139820	20.983	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	125706	21.201	ug/l	99
28) Bromochloromethane	7.51	49	98373	21.726	ug/l	99
29) Tetrahydrofuran	7.53	42	118867	115.782	ug/l	96
30) Chloroform	7.67	83	212703	21.936	ug/l	99
31) Cyclohexane	7.95	56	201311	19.749	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	173466	20.712	ug/l	98
36) 1,1-Dichloropropene	8.08	75	164949	20.533	ug/l	99
37) Ethyl Acetate	7.26	43	85959	24.185	ug/l	98
38) Carbon Tetrachloride	8.07	117	165134	20.427	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	216172	20.484	ug/l	99
40) Benzene	8.32	78	456697	20.487	ug/l	100
41) Methacrylonitrile	7.48	41	49238	23.397	ug/l	97
42) 1,2-Dichloroethane	8.40	62	146620	22.696	ug/l	99
43) Isopropyl Acetate	8.43	43	174389	23.617	ug/l	99
44) Trichloroethene	9.09	130	122493	20.207	ug/l	93
45) 1,2-Dichloropropane	9.37	63	120689	21.714	ug/l	98
46) Dibromomethane	9.46	93	62357	21.813	ug/l	97
47) Bromodichloromethane	9.64	83	162643	21.509	ug/l	98
48) Methyl methacrylate	9.44	41	83933	23.247	ug/l	97
49) 1,4-Dioxane	9.45	88	21666	448.368	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	460156	126.143	ug/l	98
52) Toluene	10.38	92	322096	21.889	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	181512	22.559	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	199530	21.852	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	95379	24.054	ug/l	97
56) Ethyl methacrylate	10.65	69	135249	24.342	ug/l	97
57) 1,3-Dichloropropane	10.93	76	170376	23.984	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	304009	112.613	ug/l	99
59) 2-Hexanone	10.97	43	344053	133.599	ug/l	97
60) Dibromochloromethane	11.13	129	117256	23.011	ug/l	98
61) 1,2-Dibromoethane	11.24	107	93079	23.674	ug/l	98
64) Tetrachloroethene	10.86	164	111107	19.234	ug/l	95
65) Chlorobenzene	11.66	112	368737	21.171	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	131204	21.055	ug/l	98
67) Ethyl Benzene	11.73	91	675608	21.103	ug/l	98
68) m/p-Xylenes	11.84	106	516242	41.560	ug/l	98
69) o-Xylene	12.16	106	253018	21.438	ug/l	100
70) Styrene	12.18	104	416654	21.372	ug/l	99
71) Bromoform	12.35	173	73820	21.055	ug/l #	96
73) Isopropylbenzene	12.46	105	730777	20.313	ug/l	98
74) N-amyl acetate	12.27	43	201025	21.690	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	130488	22.910	ug/l	91
76) 1,2,3-Trichloropropane	12.77	75	90742m	21.628	ug/l	
77) Bromobenzene	12.75	156	156367	19.902	ug/l	98
78) n-propylbenzene	12.80	91	862264	19.956	ug/l	100
79) 2-Chlorotoluene	12.89	91	493881	20.255	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	611123	20.324	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	43720	20.582	ug/l	99
82) 4-Chlorotoluene	12.99	91	514918	19.835	ug/l	99
83) tert-Butylbenzene	13.21	119	543446	20.309	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	638727	20.898	ug/l	98
85) sec-Butylbenzene	13.38	105	789196	20.652	ug/l	100
86) p-Isopropyltoluene	13.50	119	694063	20.734	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	321797	20.280	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	326823	20.725	ug/l	99
89) n-Butylbenzene	13.83	91	691175	21.030	ug/l	99
90) Hexachloroethane	14.10	117	148210	22.640	ug/l	86
91) 1,2-Dichlorobenzene	13.87	146	299916	21.362	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	25662	23.746	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	225006	22.458	ug/l	99
94) Hexachlorobutadiene	15.24	225	131695	21.811	ug/l	98
95) Naphthalene	15.37	128	575146	32.694	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	193864	22.811	ug/l	95

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

