

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012919\
 Data File : VW008445.D
 Acq On : 29 Jan 2019 12:08
 Operator : SY/VA
 Sample : VW0129SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/30/2019 9:39:45 AM

Quant Time: Jan 30 01:17:55 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	454092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	680308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	601213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	304961	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	204212	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	
35) Dibromofluoromethane	7.88	113	204268	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
50) Toluene-d8	10.32	98	802729	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.62	95	292762	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	37008	16.438	ug/l	99
3) Chloromethane	2.21	50	57094	15.403	ug/l	99
4) Vinyl Chloride	2.37	62	83885	17.778	ug/l	98
5) Bromomethane	2.78	94	60259	19.800	ug/l	95
6) Chloroethane	2.92	64	55149	19.111	ug/l	99
7) Trichlorofluoromethane	3.25	101	65740	19.229	ug/l	89
8) Diethyl Ether	3.68	74	39901	17.620	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	78361	19.080	ug/l	97
10) Methyl Iodide	4.26	142	123164	18.986	ug/l	99
11) Tert butyl alcohol	5.17	59	28855	80.339	ug/l	100
12) 1,1-Dichloroethene	4.03	96	77582	18.666	ug/l	98
13) Acrolein	3.89	56	28874	93.778	ug/l	100
14) Allyl chloride	4.66	41	129550	16.414	ug/l	98
15) Acrylonitrile	5.37	53	81520	83.366	ug/l	99
16) Acetone	4.12	43	81095	80.950	ug/l	96
17) Carbon Disulfide	4.37	76	232883	17.543	ug/l	99
18) Methyl Acetate	4.67	43	42778	16.010	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	122321	17.787	ug/l	100
20) Methylene Chloride	4.91	84	92750	20.087	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	84284	18.037	ug/l	90
22) Diisopropyl ether	6.31	45	246727	16.494	ug/l	99
23) Vinyl Acetate	6.25	43	712017	80.613	ug/l	98
24) 1,1-Dichloroethane	6.21	63	146543	17.307	ug/l	98
25) 2-Butanone	7.17	43	112252	80.672	ug/l	95
26) 2,2-Dichloropropane	7.17	77	103836	18.143	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	92610	18.185	ug/l	97
28) Bromochloromethane	7.51	49	64313	16.537	ug/l	92
29) Tetrahydrofuran	7.52	42	70565	80.026	ug/l	96
30) Chloroform	7.67	83	148587	17.842	ug/l	97
31) Cyclohexane	7.95	56	146105	16.688	ug/l	89
32) 1,1,1-Trichloroethane	7.87	97	133104	18.504	ug/l	97
36) 1,1-Dichloropropene	8.08	75	120950	18.821	ug/l	97
37) Ethyl Acetate	7.26	43	46337	16.298	ug/l	97
38) Carbon Tetrachloride	8.07	117	127102	19.655	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	157107	18.610	ug/l	99
40) Benzene	8.32	78	332744	18.660	ug/l	98
41) Methacrylonitrile	7.48	41	25135	14.930	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	94395	18.266	ug/l	98
43) Isopropyl Acetate	8.43	43	101112	17.118	ug/l	97
44) Trichloroethene	9.09	130	96512	19.903	ug/l	100
45) 1,2-Dichloropropane	9.37	63	81624	18.358	ug/l	100
46) Dibromomethane	9.46	93	41245	18.036	ug/l	95
47) Bromodichloromethane	9.64	83	110231	18.224	ug/l	99
48) Methyl methacrylate	9.43	41	47162	16.329	ug/l	97
49) 1,4-Dioxane	9.45	88	14691	380.056	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	245591	84.161	ug/l	99
52) Toluene	10.38	92	218538	18.565	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	114947	17.859	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	134487	18.412	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	59104	18.633	ug/l	98
56) Ethyl methacrylate	10.65	69	74513	16.765	ug/l	99
57) 1,3-Dichloropropane	10.93	76	103318	18.181	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	182016	84.285	ug/l	96
59) 2-Hexanone	10.97	43	173679	84.307	ug/l	98
60) Dibromochloromethane	11.13	129	75953	18.633	ug/l	99
61) 1,2-Dibromoethane	11.24	107	57663	18.334	ug/l	99
64) Tetrachloroethene	10.86	164	80584	19.797	ug/l	96
65) Chlorobenzene	11.66	112	237691	19.367	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	84478	19.239	ug/l	100
67) Ethyl Benzene	11.73	91	420969	18.660	ug/l	98
68) m/p-Xylenes	11.84	106	331306	37.851	ug/l	96
69) o-Xylene	12.17	106	154872	18.622	ug/l	95
70) Styrene	12.18	104	249938	18.194	ug/l	98
71) Bromoform	12.35	173	45326	18.346	ug/l #	98
73) Isopropylbenzene	12.46	105	426850	18.775	ug/l	98
74) N-amyl acetate	12.27	43	97977	16.728	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	65384	18.165	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	48020m	18.111	ug/l	
77) Bromobenzene	12.75	156	98116	19.761	ug/l	92
78) n-propylbenzene	12.80	91	510533	18.696	ug/l	98
79) 2-Chlorotoluene	12.90	91	285204	18.509	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	354742	18.668	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	22560	16.805	ug/l	96
82) 4-Chlorotoluene	12.99	91	298761	18.211	ug/l	96
83) tert-Butylbenzene	13.21	119	315620	18.664	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	368721	19.090	ug/l	100
85) sec-Butylbenzene	13.39	105	455505	18.861	ug/l	98
86) p-Isopropyltoluene	13.50	119	403690	19.083	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	195134	19.460	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	192658	19.332	ug/l	99
89) n-Butylbenzene	13.83	91	382127	18.397	ug/l	99
90) Hexachloroethane	14.10	117	76804	18.565	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	168626	19.005	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12319	18.038	ug/l	96

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	127226	20.094	ug/l	98
94) Hexachlorobutadiene	15.24	225	78558	20.587	ug/l	98
95) Naphthalene	15.37	128	208398	18.745	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	106918	19.907	ug/l	100

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

