

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020119\
 Data File : VW008478.D
 Acq On : 01 Feb 2019 13:44
 Operator : SY/VA
 Sample : VW0201SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0201SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/4/2019 4:32:30 PM

Quant Time: Feb 02 01:45:21 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	414420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	628615	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	549938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	285448	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	208726	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
35) Dibromofluoromethane	7.88	113	205406	55.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.76%	
50) Toluene-d8	10.32	98	785931	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
62) 4-Bromofluorobenzene	12.62	95	287967	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	33414	16.297	ug/l	98
3) Chloromethane	2.21	50	52413	15.494	ug/l	97
4) Vinyl Chloride	2.36	62	69810	16.211	ug/l	96
5) Bromomethane	2.78	94	58537	21.075	ug/l	97
6) Chloroethane	2.92	64	49283	18.713	ug/l	99
7) Trichlorofluoromethane	3.25	101	51447	17.163	ug/l	94
8) Diethyl Ether	3.67	74	36089	17.462	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	70146	18.714	ug/l	98
10) Methyl Iodide	4.26	142	109210	18.446	ug/l	100
11) Tert butyl alcohol	5.20	59	24324	74.207	ug/l	95
12) 1,1-Dichloroethene	4.03	96	66559	17.546	ug/l	98
13) Acrolein	3.89	56	26917	95.701	ug/l	95
14) Allyl chloride	4.65	41	115467	16.030	ug/l	96
15) Acrylonitrile	5.36	53	74102	83.035	ug/l	99
16) Acetone	4.12	43	74728	81.735	ug/l	94
17) Carbon Disulfide	4.37	76	202546	16.719	ug/l	100
18) Methyl Acetate	4.67	43	39716	16.287	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	115812	18.453	ug/l	97
20) Methylene Chloride	4.91	84	76255	18.096	ug/l	93
21) trans-1,2-Dichloroethene	5.41	96	78527	18.414	ug/l	95
22) Diisopropyl ether	6.30	45	219981	16.114	ug/l	93
23) Vinyl Acetate	6.24	43	658286	81.664	ug/l	99
24) 1,1-Dichloroethane	6.20	63	132041	17.088	ug/l	99
25) 2-Butanone	7.17	43	103459	81.470	ug/l	97
26) 2,2-Dichloropropane	7.16	77	95210	18.228	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	82109	17.667	ug/l	96
28) Bromochloromethane	7.51	49	62738	17.677	ug/l	91
29) Tetrahydrofuran	7.52	42	64176	79.748	ug/l	95
30) Chloroform	7.67	83	131317	17.277	ug/l	95
31) Cyclohexane	7.95	56	130310	16.309	ug/l #	90
32) 1,1,1-Trichloroethane	7.87	97	118226	18.009	ug/l	98
36) 1,1-Dichloropropene	8.07	75	109533	18.446	ug/l	98
37) Ethyl Acetate	7.25	43	46090	17.544	ug/l	97
38) Carbon Tetrachloride	8.06	117	114655	19.188	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	142718	18.296	ug/l	95
40) Benzene	8.32	78	299343	18.167	ug/l	97
41) Methacrylonitrile	7.48	41	26786	17.219	ug/l	94
42) 1,2-Dichloroethane	8.40	62	85722	17.952	ug/l	99
43) Isopropyl Acetate	8.42	43	94635	17.339	ug/l #	98
44) Trichloroethene	9.09	130	84389	18.834	ug/l	97
45) 1,2-Dichloropropane	9.37	63	72712	17.698	ug/l	98
46) Dibromomethane	9.45	93	39025	18.468	ug/l	96
47) Bromodichloromethane	9.64	83	99599	17.820	ug/l	99
48) Methyl methacrylate	9.43	41	42752	16.020	ug/l	98
49) 1,4-Dioxane	9.45	88	10939	306.263	ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	228290	84.665	ug/l	98
52) Toluene	10.38	92	195278	17.954	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	104599	17.588	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	120507	17.855	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	53654	18.306	ug/l	96
56) Ethyl methacrylate	10.65	69	70709	17.217	ug/l	94
57) 1,3-Dichloropropane	10.93	76	93735	17.851	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	196009	98.229	ug/l	95
59) 2-Hexanone	10.97	43	165680	87.038	ug/l	99
60) Dibromochloromethane	11.13	129	69164	18.363	ug/l	98
61) 1,2-Dibromoethane	11.23	107	53347	18.356	ug/l	99
64) Tetrachloroethene	10.86	164	73320	19.692	ug/l	97
65) Chlorobenzene	11.66	112	211626	18.851	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	76673	19.089	ug/l	99
67) Ethyl Benzene	11.73	91	375667	18.205	ug/l	100
68) m/p-Xylenes	11.84	106	292896	36.582	ug/l	97
69) o-Xylene	12.16	106	138400	18.193	ug/l	97
70) Styrene	12.18	104	223229	17.765	ug/l	97
71) Bromoform	12.35	173	41041	18.161	ug/l #	99
73) Isopropylbenzene	12.46	105	383733	18.032	ug/l	99
74) N-amyl acetate	12.27	43	90691	16.543	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	61131	18.144	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	43377m	17.478	ug/l	
77) Bromobenzene	12.75	156	88338	19.008	ug/l	92
78) n-propylbenzene	12.80	91	457131	17.885	ug/l	98
79) 2-Chlorotoluene	12.89	91	255240	17.697	ug/l	95
80) 1,3,5-Trimethylbenzene	12.94	105	320833	18.037	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	21148	16.830	ug/l	95
82) 4-Chlorotoluene	12.99	91	270150	17.592	ug/l	98
83) tert-Butylbenzene	13.21	119	288308	18.215	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	324815	17.966	ug/l	99
85) sec-Butylbenzene	13.38	105	407000	18.005	ug/l	98
86) p-Isopropyltoluene	13.50	119	363373	18.351	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	175158	18.662	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	175261	18.789	ug/l	99
89) n-Butylbenzene	13.83	91	342867	17.636	ug/l	99
90) Hexachloroethane	14.10	117	69341	17.907	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	154731	18.631	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10823	16.930	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	118720	20.032	ug/l	98
94) Hexachlorobutadiene	15.24	225	71769	20.094	ug/l	98
95) Naphthalene	15.37	128	197182	18.949	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	100129	19.917	ug/l	98

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

