

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022619\
 Data File : VW008823.D
 Acq On : 26 Feb 2019 11:56
 Operator : SY/VA
 Sample : VW0226SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0226SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/27/2019 5:20:39 PM

Quant Time: Feb 27 06:10:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	333528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	475149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	450474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	245225	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	146615	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
35) Dibromofluoromethane	7.88	113	143844	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	10.32	98	562097	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.62	95	211444	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	66263	19.836	ug/l	95
3) Chloromethane	2.21	50	79441	19.536	ug/l	100
4) Vinyl Chloride	2.35	62	82674	19.203	ug/l	99
5) Bromomethane	2.76	94	68775	21.507	ug/l	96
6) Chloroethane	2.91	64	58191	19.034	ug/l	99
7) Trichlorofluoromethane	3.25	101	115538	21.218	ug/l	97
8) Diethyl Ether	3.68	74	32421	18.807	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	70878	21.435	ug/l	99
10) Methyl Iodide	4.27	142	73131	17.686	ug/l	99
11) Tert butyl alcohol	5.18	59	21277	76.401	ug/l #	92
12) 1,1-Dichloroethene	4.04	96	62829	21.515	ug/l	95
13) Acrolein	3.90	56	19371	80.507	ug/l	91
14) Allyl chloride	4.67	41	100792	19.998	ug/l	97
15) Acrylonitrile	5.37	53	63368	85.651	ug/l	99
16) Acetone	4.13	43	60211	83.039	ug/l	98
17) Carbon Disulfide	4.38	76	193104	19.930	ug/l	96
18) Methyl Acetate	4.68	43	28591	16.624	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	144923	18.335	ug/l	96
20) Methylene Chloride	4.92	84	72795	17.009	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	70377	20.834	ug/l	96
22) Diisopropyl ether	6.31	45	198577	19.751	ug/l	98
23) Vinyl Acetate	6.25	43	575527	92.648	ug/l	99
24) 1,1-Dichloroethane	6.21	63	121536	20.861	ug/l	98
25) 2-Butanone	7.17	43	82878	81.756	ug/l	98
26) 2,2-Dichloropropane	7.16	77	114863	21.716	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	74854	20.716	ug/l	97
28) Bromochloromethane	7.51	49	45234	18.553	ug/l	95
29) Tetrahydrofuran	7.52	42	50922	78.825	ug/l	97
30) Chloroform	7.67	83	125112	20.933	ug/l	94
31) Cyclohexane	7.95	56	124815	21.164	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	115632	21.274	ug/l	97
36) 1,1-Dichloropropene	8.08	75	103375	22.350	ug/l	99
37) Ethyl Acetate	7.26	43	36600	17.016	ug/l	98
38) Carbon Tetrachloride	8.07	117	109437	22.436	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	121377	21.039	ug/l	97
40) Benzene	8.32	78	265084	20.991	ug/l	100
41) Methacrylonitrile	7.48	41	22812	18.043	ug/l	91
42) 1,2-Dichloroethane	8.40	62	77442	19.359	ug/l	100
43) Isopropyl Acetate	8.43	43	71227	16.593	ug/l	96
44) Trichloroethene	9.09	130	77343	21.741	ug/l	98
45) 1,2-Dichloropropane	9.37	63	64910	20.800	ug/l	99
46) Dibromomethane	9.46	93	34308	19.765	ug/l	94
47) Bromodichloromethane	9.65	83	86696	20.528	ug/l	96
48) Methyl methacrylate	9.43	41	32030	15.579	ug/l	96
49) 1,4-Dioxane	9.45	88	7931	285.311	ug/l #	81
51) 4-Methyl-2-Pentanone	10.21	43	171453	78.670	ug/l	99
52) Toluene	10.38	92	177414	20.700	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	82312	19.122	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	100917	20.555	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	44913	19.079	ug/l	98
56) Ethyl methacrylate	10.65	69	52000	17.002	ug/l	99
57) 1,3-Dichloropropane	10.93	76	80151	19.284	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	140583	91.393	ug/l	99
59) 2-Hexanone	10.97	43	124295	80.119	ug/l	99
60) Dibromochloromethane	11.13	129	57074	19.877	ug/l	98
61) 1,2-Dibromoethane	11.24	107	43376	18.615	ug/l	99
64) Tetrachloroethene	10.86	164	67010	20.781	ug/l	96
65) Chlorobenzene	11.66	112	195700	20.661	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	65594	20.480	ug/l	98
67) Ethyl Benzene	11.73	91	348701	20.593	ug/l	97
68) m/p-Xylenes	11.84	106	286905	42.406	ug/l	97
69) o-Xylene	12.17	106	129664	20.419	ug/l	100
70) Styrene	12.18	104	206380	20.201	ug/l	100
71) Bromoform	12.35	173	31007	18.011	ug/l #	96
73) Isopropylbenzene	12.46	105	361478	21.502	ug/l	99
74) N-amyl acetate	12.27	43	67768	16.003	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	49342	17.963	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	35915m	17.739	ug/l	
77) Bromobenzene	12.75	156	82268	20.709	ug/l	97
78) n-propylbenzene	12.80	91	438483	21.323	ug/l	99
79) 2-Chlorotoluene	12.90	91	244702	20.959	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	310125	21.228	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14676	17.622	ug/l	91
82) 4-Chlorotoluene	12.99	91	256065	20.812	ug/l	98
83) tert-Butylbenzene	13.21	119	275333	21.796	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	309417	20.460	ug/l	99
85) sec-Butylbenzene	13.39	105	382036	21.033	ug/l	100
86) p-Isopropyltoluene	13.50	119	341906	20.533	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	168951	20.498	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	166925	20.548	ug/l	99
89) n-Butylbenzene	13.83	91	323676	20.749	ug/l	100
90) Hexachloroethane	14.10	117	58479	21.453	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	146164	19.902	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7619	15.333	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	103446	19.549	ug/l	99
94) Hexachlorobutadiene	15.24	225	68001	21.817	ug/l	99
95) Naphthalene	15.37	128	146229	16.231	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	85195	18.621	ug/l	98

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

