

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
 Data File : VW004589.D
 Acq On : 10 Aug 2018 11:48
 Operator : SY/AP
 Sample : VW0813SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0813SBS01

Manual Integrations
 APPROVED

apatel
 8/13/2018 5:34:09 PM

Quant Time: Aug 13 16:48:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	691925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1040341	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	976095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	519053	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	350456	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	
35) Dibromofluoromethane	7.88	113	350882	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	10.33	98	1398917	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.62	95	491532	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	110772	23.33	ug/l	98
3) Chloromethane	2.21	50	145168	21.94	ug/l	100
4) Vinyl Chloride	2.37	62	209716	22.69	ug/l	98
5) Bromomethane	2.78	94	119982	22.30	ug/l	97
6) Chloroethane	2.93	64	122891	22.26	ug/l	97
7) Trichlorofluoromethane	3.26	101	93464	27.38	ug/l	100
8) Diethyl Ether	3.68	74	79170	18.34	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	162262	21.52	ug/l	99
10) Methyl Iodide	4.26	142	235604	20.83	ug/l	99
11) Tert butyl alcohol	5.22	59	35802	79.83	ug/l	98
12) 1,1-Dichloroethene	4.03	96	154582	20.37	ug/l	98
13) Acrolein	3.90	56	50049	91.08	ug/l	96
14) Allyl chloride	4.66	41	235388	20.65	ug/l	99
15) Acrylonitrile	5.37	53	157297	81.98	ug/l	98
16) Acetone	4.14	43	188784	98.69	ug/l	100
17) Carbon Disulfide	4.37	76	528943	21.69	ug/l	97
18) Methyl Acetate	4.68	43	70426	14.77	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	179697	17.36	ug/l	94
20) Methylene Chloride	4.91	84	205388	15.95	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	160894	19.68	ug/l	99
22) Diisopropyl ether	6.31	45	468452	20.00	ug/l	97
23) Vinyl Acetate	6.26	43	1189030	84.45	ug/l	99
24) 1,1-Dichloroethane	6.21	63	297026	19.81	ug/l	98
25) 2-Butanone	7.18	43	241544	78.50	ug/l	99
26) 2,2-Dichloropropane	7.17	77	177462	22.55	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	172325	19.59	ug/l	99
28) Bromochloromethane	7.51	49	121532	18.63	ug/l	99
29) Tetrahydrofuran	7.54	42	116436	73.20	ug/l	100
30) Chloroform	7.68	83	290385	19.72	ug/l	99
31) Cyclohexane	7.96	56	290637	20.26	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	236370	21.36	ug/l	99
36) 1,1-Dichloropropene	8.09	75	231419	20.66	ug/l	99
37) Ethyl Acetate	7.26	43	82265	15.68	ug/l	99
38) Carbon Tetrachloride	8.07	117	217759	21.60	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	284827	20.74	ug/l	97
40) Benzene	8.33	78	675474	20.53	ug/l	100
41) Methacrylonitrile	7.49	41	52225	17.82	ug/l	93
42) 1,2-Dichloroethane	8.40	62	170091	18.69	ug/l	100
43) Isopropyl Acetate	8.43	43	145773	15.94	ug/l	97
44) Trichloroethene	9.10	130	163825	20.27	ug/l	99
45) 1,2-Dichloropropane	9.37	63	163724	19.87	ug/l	100
46) Dibromomethane	9.46	93	77557	18.49	ug/l	98
47) Bromodichloromethane	9.65	83	188068	19.00	ug/l	98
48) Methyl methacrylate	9.44	41	69539	16.27	ug/l	98
49) 1,4-Dioxane	9.48	88	21965	343.32	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	506305	79.54	ug/l	100
52) Toluene	10.39	92	407924	21.03	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	183478	18.46	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	224900	19.42	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	109856	18.28	ug/l	100
56) Ethyl methacrylate	10.65	69	118493	16.47	ug/l	99
57) 1,3-Dichloropropane	10.93	76	189450	18.29	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	297174	83.92	ug/l	99
59) 2-Hexanone	10.98	43	347800	80.59	ug/l	98
60) Dibromochloromethane	11.13	129	119260	18.24	ug/l	99
61) 1,2-Dibromoethane	11.24	107	102317	18.12	ug/l	97
64) Tetrachloroethene	10.87	164	136954	20.11	ug/l	97
65) Chlorobenzene	11.66	112	437715	20.35	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	144105	19.68	ug/l	99
67) Ethyl Benzene	11.74	91	754072	20.68	ug/l	98
68) m/p-Xylenes	11.85	106	602935	42.78	ug/l	98
69) o-Xylene	12.17	106	270468	20.69	ug/l	100
70) Styrene	12.19	104	454527	20.58	ug/l	100
71) Bromoform	12.35	173	69194	17.19	ug/l	99
73) Isopropylbenzene	12.47	105	751507	20.93	ug/l	100
74) N-amyl acetate	12.28	43	139459	16.02	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	131575	17.56	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	102446m	19.07	ug/l	
77) Bromobenzene	12.76	156	173717	20.00	ug/l	98
78) n-propylbenzene	12.81	91	954437	21.54	ug/l	100
79) 2-Chlorotoluene	12.90	91	541838	21.13	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	661657	21.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	36834	16.42	ug/l	99
82) 4-Chlorotoluene	12.99	91	577575	21.23	ug/l	100
83) tert-Butylbenzene	13.21	119	541987	21.10	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	679586	21.43	ug/l	100
85) sec-Butylbenzene	13.39	105	837271	21.60	ug/l	100
86) p-Isopropyltoluene	13.51	119	727738	21.67	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	369101	20.62	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	360033	20.21	ug/l	98
89) n-Butylbenzene	13.83	91	699926	21.21	ug/l	99
90) Hexachloroethane	14.10	117	128710	20.72	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	323463	19.92	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19513	15.93	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	221276	19.68	ug/l	99
94) Hexachlorobutadiene	15.25	225	142277	21.73	ug/l	99
95) Naphthalene	15.38	128	352446	17.22	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	195136	19.32	ug/l	99

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

