

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005079.D
 Acq On : 04 Sep 2018 15:07
 Operator : SY/AP
 Sample : VW0904SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS01

Manual Integrations
 APPROVED

apatel
 9/5/2018 10:02:15 AM

Quant Time: Sep 05 01:42:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	459806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	637430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	630166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	372886	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	186396	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
35) Dibromofluoromethane	7.89	113	194669	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
50) Toluene-d8	10.33	98	908178	53.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.02%	
62) 4-Bromofluorobenzene	12.62	95	333545	55.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	87213	23.54	ug/l	95
3) Chloromethane	2.22	50	110748	20.60	ug/l	99
4) Vinyl Chloride	2.36	62	109812	21.00	ug/l	100
5) Bromomethane	2.75	94	76540	21.22	ug/l	98
6) Chloroethane	2.90	64	66282	20.37	ug/l	99
7) Trichlorofluoromethane	3.25	101	129362	21.99	ug/l	98
8) Diethyl Ether	3.68	74	41800	19.64	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	87425	21.64	ug/l	99
10) Methyl Iodide	4.28	142	100964	19.26	ug/l	100
11) Tert butyl alcohol	5.17	59	31244	142.39	ug/l	98
12) 1,1-Dichloroethene	4.04	96	80996	21.78	ug/l	99
13) Acrolein	3.90	56	27384	110.69	ug/l	96
14) Allyl chloride	4.68	41	116360	20.02	ug/l	99
15) Acrylonitrile	5.38	53	96265	107.24	ug/l	98
16) Acetone	4.13	43	80128	104.82	ug/l	100
17) Carbon Disulfide	4.38	76	277649	21.43	ug/l	99
18) Methyl Acetate	4.68	43	43567	19.37	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	190422	21.09	ug/l	99
20) Methylene Chloride	4.92	84	166926	30.83	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	91890	20.28	ug/l	94
22) Diisopropyl ether	6.32	45	241034	19.71	ug/l	98
23) Vinyl Acetate	6.26	43	665528	103.60	ug/l	99
24) 1,1-Dichloroethane	6.22	63	151508	19.82	ug/l	100
25) 2-Butanone	7.18	43	135180	101.96	ug/l	98
26) 2,2-Dichloropropane	7.17	77	132677	21.12	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	100054	20.19	ug/l	100
28) Bromochloromethane	7.52	49	58317	18.95	ug/l	94
29) Tetrahydrofuran	7.54	42	71521	105.57	ug/l	98
30) Chloroform	7.68	83	153636	19.69	ug/l	95
31) Cyclohexane	7.96	56	157321	21.02	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	140751	20.71	ug/l	99
36) 1,1-Dichloropropene	8.09	75	135898	22.39	ug/l	99
37) Ethyl Acetate	7.26	43	49500	21.80	ug/l	98
38) Carbon Tetrachloride	8.07	117	127870	22.15	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	158671	21.61	ug/l	98
40) Benzene	8.33	78	386771	20.81	ug/l	98
41) Methacrylonitrile	7.49	41	22848	17.37	ug/l #	75
42) 1,2-Dichloroethane	8.40	62	93454	20.55	ug/l	100
43) Isopropyl Acetate	8.43	43	86643	20.97	ug/l	98
44) Trichloroethene	9.10	130	109242	21.79	ug/l	94
45) 1,2-Dichloropropane	9.37	63	92732	20.42	ug/l	98
46) Dibromomethane	9.46	93	46132	21.25	ug/l	99
47) Bromodichloromethane	9.65	83	113712	20.80	ug/l	99
48) Methyl methacrylate	9.45	41	41745	20.98	ug/l	97
49) 1,4-Dioxane	9.45	88	17521	499.05	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	304030	109.80	ug/l	99
52) Toluene	10.39	92	271594	21.57	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	116812	21.75	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	141394	21.64	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	73396	21.84	ug/l	98
56) Ethyl methacrylate	10.65	69	83225	21.70	ug/l	98
57) 1,3-Dichloropropane	10.94	76	116815	21.11	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	195275	107.46	ug/l	99
59) 2-Hexanone	10.98	43	217581	116.18	ug/l	99
60) Dibromochloromethane	11.13	129	81944	21.56	ug/l	98
61) 1,2-Dibromoethane	11.24	107	64829	21.36	ug/l	100
64) Tetrachloroethene	10.87	164	101632	20.56	ug/l	95
65) Chlorobenzene	11.66	112	302651	21.33	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	92112	21.25	ug/l	100
67) Ethyl Benzene	11.74	91	515753	21.51	ug/l	99
68) m/p-Xylenes	11.85	106	436722	45.48	ug/l	98
69) o-Xylene	12.17	106	198283	22.33	ug/l	98
70) Styrene	12.19	104	331858	22.63	ug/l	99
71) Bromoform	12.35	173	50354	21.91	ug/l #	100
73) Isopropylbenzene	12.47	105	530577	20.18	ug/l	99
74) N-amyl acetate	12.28	43	93952	20.75	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	79182	19.78	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	55238m	19.74	ug/l	
77) Bromobenzene	12.76	156	132194	20.41	ug/l	97
78) n-propylbenzene	12.81	91	665010	20.95	ug/l	100
79) 2-Chlorotoluene	12.90	91	376894	20.35	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	485103	21.34	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	23715	20.39	ug/l	97
82) 4-Chlorotoluene	12.99	91	407332	20.83	ug/l	100
83) tert-Butylbenzene	13.21	119	398736	21.00	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	498734	21.54	ug/l	99
85) sec-Butylbenzene	13.39	105	587494	21.05	ug/l	100
86) p-Isopropyltoluene	13.51	119	532207	21.55	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	280781	21.10	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	277121	20.99	ug/l	99
89) n-Butylbenzene	13.83	91	496226	21.68	ug/l	100
90) Hexachloroethane	14.10	117	79930	19.48	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	246439	21.25	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13359	21.36	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	180966	23.27	ug/l	100
94) Hexachlorobutadiene	15.24	225	108492	22.43	ug/l	100
95) Naphthalene	15.38	128	284277	23.44	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	155649	23.39	ug/l	100

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

