

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090718\
 Data File : VW005204.D
 Acq On : 07 Sep 2018 13:09
 Operator : SY/AP
 Sample : VW0907SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

Manual Integrations
 APPROVED

apatel
 9/10/2018 10:48:38 AM

Quant Time: Sep 08 00:12:37 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	465671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	670212	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	653923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	351827	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	175174	45.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.76%	
35) Dibromofluoromethane	7.89	113	168732	43.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.14%	
50) Toluene-d8	10.33	98	827188	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
62) 4-Bromofluorobenzene	12.63	95	301516	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	83586	22.27	ug/l	97
3) Chloromethane	2.21	50	117621	21.60	ug/l	98
4) Vinyl Chloride	2.36	62	111879	21.13	ug/l	99
5) Bromomethane	2.77	94	71910	19.28	ug/l	99
6) Chloroethane	2.92	64	64851	19.68	ug/l	99
7) Trichlorofluoromethane	3.26	101	124439	20.89	ug/l	98
8) Diethyl Ether	3.69	74	42058	19.51	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.07	101	88340	21.59	ug/l	97
10) Methyl Iodide	4.27	142	49880	11.35	ug/l	100
11) Tert butyl alcohol	5.20	59	25375m	106.41	ug/l	
12) 1,1-Dichloroethene	4.04	96	76910	20.42	ug/l	99
13) Acrolein	3.90	56	22385	89.34	ug/l	97
14) Allyl chloride	4.68	41	118202	20.08	ug/l	99
15) Acrylonitrile	5.38	53	88008	96.81	ug/l	100
16) Acetone	4.14	43	74361	96.05	ug/l	98
17) Carbon Disulfide	4.39	76	251754	19.19	ug/l	100
18) Methyl Acetate	4.68	43	40377	17.73	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	184056	20.13	ug/l	99
20) Methylene Chloride	4.92	84	120655	20.80	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	87271	19.02	ug/l	99
22) Diisopropyl ether	6.32	45	251762	20.33	ug/l	98
23) Vinyl Acetate	6.26	43	690770	106.18	ug/l	99
24) 1,1-Dichloroethane	6.22	63	151528	19.57	ug/l	99
25) 2-Butanone	7.18	43	135772	101.11	ug/l	99
26) 2,2-Dichloropropane	7.17	77	136411	21.44	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	94671	18.86	ug/l	95
28) Bromochloromethane	7.52	49	57895	18.58	ug/l	95
29) Tetrahydrofuran	7.54	42	69518	101.32	ug/l	96
30) Chloroform	7.68	83	149534	18.92	ug/l	97
31) Cyclohexane	7.96	56	166210	21.92	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	138904	20.18	ug/l	99
36) 1,1-Dichloropropene	8.09	75	135333	21.20	ug/l	99
37) Ethyl Acetate	7.26	43	49838	20.88	ug/l	100
38) Carbon Tetrachloride	8.07	117	122757	20.23	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	160061	20.73	ug/l	99
40) Benzene	8.33	78	382613	19.58	ug/l	99
41) Methacrylonitrile	7.49	41	28980	20.95	ug/l	100
42) 1,2-Dichloroethane	8.40	62	92330	19.31	ug/l	100
43) Isopropyl Acetate	8.43	43	89046	20.50	ug/l	99
44) Trichloroethene	9.10	130	102877	19.51	ug/l	99
45) 1,2-Dichloropropane	9.37	63	95321	19.97	ug/l	100
46) Dibromomethane	9.46	93	42982	18.83	ug/l	97
47) Bromodichloromethane	9.65	83	112164	19.51	ug/l	98
48) Methyl methacrylate	9.44	41	44241	21.15	ug/l	90
49) 1,4-Dioxane	9.47	88	13915	376.96	ug/l #	86
51) 4-Methyl-2-Pentanone	10.21	43	291678	100.19	ug/l	100
52) Toluene	10.39	92	259760	19.62	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	112927	20.00	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	139839	20.36	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	69563	19.68	ug/l	99
56) Ethyl methacrylate	10.65	69	77371	19.19	ug/l	97
57) 1,3-Dichloropropane	10.94	76	113413	19.49	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	204258	106.91	ug/l	98
59) 2-Hexanone	10.98	43	204055	103.63	ug/l	99
60) Dibromochloromethane	11.13	129	73790	18.47	ug/l	99
61) 1,2-Dibromoethane	11.24	107	60357	18.92	ug/l	98
64) Tetrachloroethene	10.87	164	93529	18.23	ug/l	95
65) Chlorobenzene	11.66	112	285409	19.39	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	84090	18.69	ug/l	98
67) Ethyl Benzene	11.74	91	497673	20.00	ug/l	99
68) m/p-Xylenes	11.85	106	403230	40.47	ug/l	99
69) o-Xylene	12.17	106	182859	19.85	ug/l	99
70) Styrene	12.19	104	297681	19.56	ug/l	99
71) Bromoform	12.35	173	43175	18.11	ug/l #	99
73) Isopropylbenzene	12.47	105	501837	20.23	ug/l	100
74) N-amyl acetate	12.28	43	88052	20.61	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	74764	19.80	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	59958m	22.70	ug/l	
77) Bromobenzene	12.76	156	118215	19.34	ug/l	98
78) n-propylbenzene	12.81	91	621446	20.75	ug/l	99
79) 2-Chlorotoluene	12.90	91	350933	20.09	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	429364	20.01	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	21515	19.61	ug/l	96
82) 4-Chlorotoluene	12.99	91	367338	19.91	ug/l	100
83) tert-Butylbenzene	13.21	119	365439	20.40	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	433917	19.86	ug/l	99
85) sec-Butylbenzene	13.39	105	547185	20.78	ug/l	99
86) p-Isopropyltoluene	13.51	119	475910	20.42	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	244248	19.45	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	240948	19.34	ug/l	98
89) n-Butylbenzene	13.83	91	447174	20.70	ug/l	99
90) Hexachloroethane	14.10	117	74157	19.16	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	212726	19.44	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11461	19.42	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	142083	19.36	ug/l	99
94) Hexachlorobutadiene	15.25	225	93612	20.51	ug/l	100
95) Naphthalene	15.38	128	215172	19.59	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	120013	19.11	ug/l	99

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

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