

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005080.D
 Acq On : 04 Sep 2018 15:33
 Operator : SY/AP
 Sample : VW0904SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD01

Manual Integrations
 APPROVED

apatel
 9/5/2018 10:02:19 AM

Quant Time: Sep 05 01:42:36 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	500586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	708871	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	699028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	393981	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	194381	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	
35) Dibromofluoromethane	7.89	113	201572	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	10.33	98	955020	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.62	95	345058	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	89687	22.23	ug/l	98
3) Chloromethane	2.21	50	111094	18.98	ug/l	96
4) Vinyl Chloride	2.36	62	115858	20.35	ug/l	100
5) Bromomethane	2.76	94	76146	18.91	ug/l	100
6) Chloroethane	2.91	64	69124	19.51	ug/l	98
7) Trichlorofluoromethane	3.26	101	139380	21.77	ug/l	98
8) Diethyl Ether	3.69	74	47271	20.40	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	92964	21.14	ug/l	97
10) Methyl Iodide	4.27	142	105227	18.60	ug/l	100
11) Tert butyl alcohol	5.20	59	33686	140.68	ug/l	97
12) 1,1-Dichloroethene	4.04	96	84734	20.93	ug/l	98
13) Acrolein	3.90	56	29503	109.54	ug/l	100
14) Allyl chloride	4.67	41	123582	19.53	ug/l	99
15) Acrylonitrile	5.38	53	104061	106.48	ug/l	99
16) Acetone	4.14	43	86360	103.77	ug/l	94
17) Carbon Disulfide	4.38	76	296773	21.04	ug/l	99
18) Methyl Acetate	4.68	43	47851	19.55	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	211081	21.48	ug/l	97
20) Methylene Chloride	4.92	84	178537	30.22	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	100232	20.32	ug/l	97
22) Diisopropyl ether	6.32	45	263683	19.80	ug/l	98
23) Vinyl Acetate	6.26	43	753860	107.79	ug/l	100
24) 1,1-Dichloroethane	6.22	63	158075	18.99	ug/l	100
25) 2-Butanone	7.18	43	147488	102.18	ug/l	100
26) 2,2-Dichloropropane	7.17	77	142278	20.80	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	106738	19.78	ug/l	98
28) Bromochloromethane	7.52	49	59673	17.81	ug/l	94
29) Tetrahydrofuran	7.54	42	77184	104.65	ug/l	98
30) Chloroform	7.68	83	166457	19.60	ug/l	96
31) Cyclohexane	7.96	56	167624	20.57	ug/l	91
32) 1,1,1-Trichloroethane	7.88	97	150275	20.31	ug/l	99
36) 1,1-Dichloropropene	8.09	75	145021	21.48	ug/l	100
37) Ethyl Acetate	7.26	43	54342	21.52	ug/l	98
38) Carbon Tetrachloride	8.07	117	140725	21.92	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	175531	21.50	ug/l	99
40) Benzene	8.33	78	411577	19.91	ug/l	99
41) Methacrylonitrile	7.49	41	32777	22.41	ug/l	99
42) 1,2-Dichloroethane	8.41	62	100115	19.79	ug/l	99
43) Isopropyl Acetate	8.43	43	97693	21.26	ug/l	99
44) Trichloroethene	9.10	130	118711	21.29	ug/l	97
45) 1,2-Dichloropropane	9.37	63	100571	19.92	ug/l	99
46) Dibromomethane	9.46	93	48833	20.23	ug/l	97
47) Bromodichloromethane	9.65	83	124591	20.49	ug/l	98
48) Methyl methacrylate	9.44	41	44773	20.24	ug/l	96
49) 1,4-Dioxane	9.46	88	16847	431.49	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	347107	112.73	ug/l	99
52) Toluene	10.39	92	292745	20.90	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	131189	21.96	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	160136	22.04	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	81116	21.70	ug/l	98
56) Ethyl methacrylate	10.65	69	95098	22.30	ug/l	99
57) 1,3-Dichloropropane	10.94	76	132816	21.58	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	219234	108.49	ug/l	98
59) 2-Hexanone	10.98	43	240652	115.55	ug/l	98
60) Dibromochloromethane	11.13	129	92173	21.81	ug/l	100
61) 1,2-Dibromoethane	11.24	107	72946	21.61	ug/l	98
64) Tetrachloroethene	10.87	164	112137	20.45	ug/l	97
65) Chlorobenzene	11.66	112	328459	20.87	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	102781	21.37	ug/l	99
67) Ethyl Benzene	11.74	91	560302	21.06	ug/l	99
68) m/p-Xylenes	11.85	106	460994	43.28	ug/l	100
69) o-Xylene	12.17	106	213417	21.67	ug/l	97
70) Styrene	12.19	104	351628	21.61	ug/l	100
71) Bromoform	12.35	173	56769	22.27	ug/l #	98
73) Isopropylbenzene	12.47	105	570130	20.52	ug/l	99
74) N-amyl acetate	12.28	43	100651	21.04	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	89732	21.22	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	61367m	20.75	ug/l	
77) Bromobenzene	12.75	156	140280	20.49	ug/l	98
78) n-propylbenzene	12.81	91	695877	20.75	ug/l	100
79) 2-Chlorotoluene	12.90	91	395458	20.21	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	504695	21.01	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	28052	22.83	ug/l	97
82) 4-Chlorotoluene	12.99	91	412529	19.97	ug/l	99
83) tert-Butylbenzene	13.21	119	414930	20.68	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	504492	20.62	ug/l	100
85) sec-Butylbenzene	13.39	105	605962	20.55	ug/l	98
86) p-Isopropyltoluene	13.51	119	558446	21.40	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	286641	20.39	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	290354	20.82	ug/l	99
89) n-Butylbenzene	13.83	91	516507	21.35	ug/l	100
90) Hexachloroethane	14.10	117	86129	19.87	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	253629	20.70	ug/l #	74
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14370	21.74	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	187126	22.77	ug/l	99
94) Hexachlorobutadiene	15.24	225	113140	22.14	ug/l	99
95) Naphthalene	15.38	128	300060	23.42	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	161166	22.92	ug/l	99

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

