

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005184.D
 Acq On : 07 Sep 2018 02:05
 Operator : SY/AP
 Sample : VW0906SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

Manual Integrations
 APPROVED

apatel
 9/7/2018 12:35:40 PM

Quant Time: Sep 07 04:28:02 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	7.95	168	432438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	658642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	646434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	341591	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	213922	59.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.36%	
35) Dibromofluoromethane	7.89	113	208193	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
50) Toluene-d8	10.33	98	946920	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	
62) 4-Bromofluorobenzene	12.62	95	343013	55.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	80539	23.11	ug/l	96
3) Chloromethane	2.21	50	112943	22.33	ug/l	100
4) Vinyl Chloride	2.35	62	106334	21.62	ug/l	99
5) Bromomethane	2.75	94	75448	22.51	ug/l	95
6) Chloroethane	2.90	64	62540	20.43	ug/l	100
7) Trichlorofluoromethane	3.25	101	124291	22.47	ug/l	97
8) Diethyl Ether	3.68	74	47696	23.83	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	83388	21.95	ug/l	99
10) Methyl Iodide	4.27	142	69411	15.11	ug/l	99
11) Tert butyl alcohol	5.18	59	39582	200.42	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	77604	22.19	ug/l	96
13) Acrolein	3.90	56	26078	112.08	ug/l	100
14) Allyl chloride	4.67	41	119160	21.80	ug/l	99
15) Acrylonitrile	5.37	53	107766	127.65	ug/l	99
16) Acetone	4.13	43	92166	128.20	ug/l	95
17) Carbon Disulfide	4.38	76	272176	22.34	ug/l	99
18) Methyl Acetate	4.68	43	55328	26.16	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	217548	25.62	ug/l	99
20) Methylene Chloride	4.92	84	114167	21.27	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	94239	22.12	ug/l	95
22) Diisopropyl ether	6.31	45	276154	24.01	ug/l	96
23) Vinyl Acetate	6.26	43	761511	126.04	ug/l	99
24) 1,1-Dichloroethane	6.22	63	160986	22.39	ug/l	99
25) 2-Butanone	7.18	43	162250	130.12	ug/l	99
26) 2,2-Dichloropropane	7.17	77	114972	19.46	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	104191	22.36	ug/l	100
28) Bromochloromethane	7.52	49	70203	24.26	ug/l	98
29) Tetrahydrofuran	7.53	42	83418	130.93	ug/l	100
30) Chloroform	7.68	83	168304	22.94	ug/l	96
31) Cyclohexane	7.96	56	156544	22.23	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	140345	21.96	ug/l	100
36) 1,1-Dichloropropene	8.09	75	138942	22.15	ug/l	98
37) Ethyl Acetate	7.26	43	59012	25.16	ug/l	98
38) Carbon Tetrachloride	8.07	117	125197	20.99	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	153616	20.25	ug/l	98
40) Benzene	8.33	78	417794	21.76	ug/l	98
41) Methacrylonitrile	7.49	41	32862	24.18	ug/l	93
42) 1,2-Dichloroethane	8.40	62	104944	22.33	ug/l	99
43) Isopropyl Acetate	8.43	43	105350	24.68	ug/l	99
44) Trichloroethene	9.10	130	113549	21.92	ug/l	97
45) 1,2-Dichloropropane	9.37	63	103308	22.02	ug/l	99
46) Dibromomethane	9.46	93	49899	22.24	ug/l	97
47) Bromodichloromethane	9.65	83	120687	21.37	ug/l	96
48) Methyl methacrylate	9.45	41	45601	22.18	ug/l	97
49) 1,4-Dioxane	9.46	88	15664	431.79	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	357520	124.97	ug/l	99
52) Toluene	10.39	92	273083	20.99	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	124180	22.37	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	153016	22.67	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	81825	23.56	ug/l	96
56) Ethyl methacrylate	10.65	69	92073	23.24	ug/l	98
57) 1,3-Dichloropropane	10.94	76	136193	23.82	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	239395	127.50	ug/l	100
59) 2-Hexanone	10.98	43	239729	123.89	ug/l	99
60) Dibromochloromethane	11.13	129	90084	22.94	ug/l	99
61) 1,2-Dibromoethane	11.24	107	71695	22.86	ug/l	98
64) Tetrachloroethene	10.87	164	108510	21.39	ug/l	97
65) Chlorobenzene	11.66	112	304448	20.92	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	98118	22.06	ug/l	99
67) Ethyl Benzene	11.74	91	504965	20.53	ug/l	99
68) m/p-Xylenes	11.85	106	411253	41.75	ug/l	100
69) o-Xylene	12.17	106	192319	21.12	ug/l	98
70) Styrene	12.19	104	317062	21.08	ug/l	99
71) Bromoform	12.35	173	54027	22.92	ug/l #	98
73) Isopropylbenzene	12.47	105	507360	21.06	ug/l	100
74) N-amyl acetate	12.28	43	97292	23.46	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	89436	24.39	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	60577m	23.63	ug/l	
77) Bromobenzene	12.76	156	128431	21.64	ug/l	98
78) n-propylbenzene	12.81	91	616707	21.21	ug/l	98
79) 2-Chlorotoluene	12.90	91	354554	20.90	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	434154	20.84	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	23820	22.36	ug/l	98
82) 4-Chlorotoluene	12.99	91	379530	21.19	ug/l	99
83) tert-Butylbenzene	13.21	119	362501	20.84	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	427889	20.17	ug/l	98
85) sec-Butylbenzene	13.39	105	530425	20.75	ug/l	100
86) p-Isopropyltoluene	13.51	119	456035	20.15	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	254477	20.87	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	246792	20.41	ug/l	98
89) n-Butylbenzene	13.83	91	425077	20.27	ug/l	98
90) Hexachloroethane	14.10	117	79141	21.06	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	232085	21.84	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13805	24.09	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	147062	20.64	ug/l	99
94) Hexachlorobutadiene	15.25	225	93045	21.00	ug/l	100
95) Naphthalene	15.38	128	247123	22.45	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	131960	21.64	ug/l	99

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

