

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003845.D
 Acq On : 11 Jul 2018 01:37
 Operator : SY/AP
 Sample : VW0710SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBS02

Manual Integrations
 APPROVED

apatel
 7/11/2018 1:00:16 PM

Quant Time: Jul 11 06:40:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	184129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	295693	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	283438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	156439	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121785	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
35) Dibromofluoromethane	7.88	113	103994	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
50) Toluene-d8	10.32	98	409062	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.62	95	146637	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	16338m	18.24	ug/l	
3) Chloromethane	2.21	50	35006	20.59	ug/l	94
4) Vinyl Chloride	2.36	62	47890	21.36	ug/l	96
5) Bromomethane	2.76	94	30716	19.41	ug/l	100
6) Chloroethane	2.92	64	25343	18.85	ug/l	97
7) Trichlorofluoromethane	3.25	101	19972	22.05	ug/l	99
8) Diethyl Ether	3.67	74	17199	18.53	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	40020	22.72	ug/l	99
10) Methyl Iodide	4.26	142	60752	23.17	ug/l	99
11) Tert butyl alcohol	5.18	59	15371	117.79	ug/l	99
12) 1,1-Dichloroethene	4.03	96	39990	23.12	ug/l	96
13) Acrolein	3.89	56	16988	87.03	ug/l	99
14) Allyl chloride	4.65	41	66264	22.03	ug/l	99
15) Acrylonitrile	5.37	53	52898	113.79	ug/l	100
16) Acetone	4.12	43	46606	111.56	ug/l	98
17) Carbon Disulfide	4.37	76	127593	22.50	ug/l	99
18) Methyl Acetate	4.67	43	27059	22.97	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	74865	20.95	ug/l	99
20) Methylene Chloride	4.91	84	49124	21.64	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	44810	21.88	ug/l	95
22) Diisopropyl ether	6.31	45	142580	21.57	ug/l	96
23) Vinyl Acetate	6.26	43	416288	103.15	ug/l	99
24) 1,1-Dichloroethane	6.20	63	84333	21.09	ug/l	98
25) 2-Butanone	7.18	43	69302	105.91	ug/l	100
26) 2,2-Dichloropropane	7.17	77	43863	20.22	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	47479	20.97	ug/l	100
28) Bromochloromethane	7.51	49	37699	21.16	ug/l	98
29) Tetrahydrofuran	7.53	42	45505	108.18	ug/l	99
30) Chloroform	7.67	83	87572	21.47	ug/l	98
31) Cyclohexane	7.95	56	73235	20.84	ug/l	# 92
32) 1,1,1-Trichloroethane	7.87	97	66213	21.33	ug/l	98
36) 1,1-Dichloropropene	8.09	75	66645	21.24	ug/l	100
37) Ethyl Acetate	7.26	43	32335	21.18	ug/l	99
38) Carbon Tetrachloride	8.06	117	64144	21.50	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	73080	21.27	ug/l	96
40) Benzene	8.32	78	191583	21.36	ug/l	98
41) Methacrylonitrile	7.48	41	18869	21.49	ug/l	96
42) 1,2-Dichloroethane	8.40	62	62115	21.40	ug/l	100
43) Isopropyl Acetate	8.43	43	61142	21.13	ug/l	99
44) Trichloroethene	9.09	130	48501	21.45	ug/l	99
45) 1,2-Dichloropropane	9.37	63	48809	20.93	ug/l	100
46) Dibromomethane	9.46	93	26448	21.57	ug/l	99
47) Bromodichloromethane	9.65	83	62678	20.78	ug/l	99
48) Methyl methacrylate	9.44	41	28028	20.34	ug/l	98
49) 1,4-Dioxane	9.45	88	7739	422.25	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	159681	106.65	ug/l	99
52) Toluene	10.39	92	121308	21.81	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	60850	20.20	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	69495	20.44	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	36367	21.35	ug/l	92
56) Ethyl methacrylate	10.65	69	41777	20.10	ug/l	97
57) 1,3-Dichloropropane	10.93	76	63397	21.36	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	92643	93.37	ug/l	99
59) 2-Hexanone	10.98	43	109512	106.52	ug/l	97
60) Dibromochloromethane	11.13	129	41859	21.05	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34026	20.89	ug/l	99
64) Tetrachloroethene	10.87	164	45918	21.90	ug/l	97
65) Chlorobenzene	11.66	112	131278	21.01	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	46090	21.11	ug/l	99
67) Ethyl Benzene	11.74	91	228483	21.39	ug/l	99
68) m/p-Xylenes	11.84	106	175073	42.79	ug/l	100
69) o-Xylene	12.17	106	81019	21.46	ug/l	98
70) Styrene	12.18	104	138081	21.51	ug/l	99
71) Bromoform	12.35	173	25339	21.03	ug/l #	99
73) Isopropylbenzene	12.47	105	222130	20.97	ug/l	100
74) N-amyl acetate	12.28	43	57772	20.12	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	44364	20.66	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	28642m	18.64	ug/l	
77) Bromobenzene	12.75	156	54956	20.89	ug/l	97
78) n-propylbenzene	12.81	91	282160	21.22	ug/l	99
79) 2-Chlorotoluene	12.90	91	162428	21.26	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	195223	21.38	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12473	19.86	ug/l	99
82) 4-Chlorotoluene	12.99	91	175561	21.37	ug/l	99
83) tert-Butylbenzene	13.21	119	156878	20.83	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	201273	21.22	ug/l	99
85) sec-Butylbenzene	13.39	105	238046	21.13	ug/l	100
86) p-Isopropyltoluene	13.51	119	209145	21.25	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	111656	20.95	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	112899	21.07	ug/l	99
89) n-Butylbenzene	13.84	91	204891	21.16	ug/l	99
90) Hexachloroethane	14.10	117	39057	20.60	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	100472	20.95	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7549	20.31	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	66572	20.51	ug/l	100
94) Hexachlorobutadiene	15.24	225	38891	20.94	ug/l	98
95) Naphthalene	15.38	128	115684	19.94	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	59830	20.58	ug/l	99

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

