

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006199.D
 Acq On : 19 Oct 2018 03:29
 Operator : VA/AP
 Sample : VW1018SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

Manual Integrations
 APPROVED

apatel
 10/19/2018 12:54:22 PM

Quant Time: Oct 19 08:10:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	248370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	364745	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	333077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	187442	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	108562	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
35) Dibromofluoromethane	7.88	113	108144	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	10.33	98	409135	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.62	95	153599	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	20259	16.48	ug/l	97
3) Chloromethane	2.21	50	28092	17.76	ug/l	100
4) Vinyl Chloride	2.37	62	41888	18.54	ug/l	99
5) Bromomethane	2.78	94	41364	20.13	ug/l	98
6) Chloroethane	2.93	64	32337	19.97	ug/l	100
7) Trichlorofluoromethane	3.26	101	34950	16.60	ug/l	100
8) Diethyl Ether	3.68	74	22810	20.39	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44345	20.10	ug/l	99
10) Methyl Iodide	4.26	142	75341	20.52	ug/l	99
11) Tert butyl alcohol	5.21	59	14633	105.66	ug/l	98
12) 1,1-Dichloroethene	4.04	96	42236	20.35	ug/l	93
13) Acrolein	3.89	56	13298	99.24	ug/l	100
14) Allyl chloride	4.67	41	57556	19.40	ug/l	99
15) Acrylonitrile	5.37	53	44455	110.80	ug/l	99
16) Acetone	4.14	43	39317	92.45	ug/l	96
17) Carbon Disulfide	4.37	76	108146	17.27	ug/l	100
18) Methyl Acetate	4.68	43	22556	21.77	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	66967	21.19	ug/l	98
20) Methylene Chloride	4.91	84	52527	23.24	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	48611	20.99	ug/l	98
22) Diisopropyl ether	6.31	45	124167	21.18	ug/l	98
23) Vinyl Acetate	6.26	43	349983	101.14	ug/l	99
24) 1,1-Dichloroethane	6.21	63	81642	21.58	ug/l	99
25) 2-Butanone	7.18	43	60125	108.09	ug/l	97
26) 2,2-Dichloropropane	7.17	77	46997	17.61	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	54701	21.40	ug/l	98
28) Bromochloromethane	7.51	49	27074	18.54	ug/l	95
29) Tetrahydrofuran	7.54	42	37463	109.56	ug/l	98
30) Chloroform	7.68	83	89969	21.83	ug/l	98
31) Cyclohexane	7.96	56	72073	19.13	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	74256	19.97	ug/l	99
36) 1,1-Dichloropropene	8.08	75	69862	20.78	ug/l	99
37) Ethyl Acetate	7.26	43	26366	21.11	ug/l	99
38) Carbon Tetrachloride	8.07	117	69455	18.85	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	87373	19.55	ug/l	98
40) Benzene	8.32	78	194926	21.14	ug/l	100
41) Methacrylonitrile	7.49	41	17243	22.90	ug/l	97
42) 1,2-Dichloroethane	8.40	62	59099	21.81	ug/l	100
43) Isopropyl Acetate	8.43	43	51699	20.24	ug/l	100
44) Trichloroethene	9.09	130	59684	21.09	ug/l	98
45) 1,2-Dichloropropane	9.37	63	46520	21.08	ug/l	100
46) Dibromomethane	9.46	93	27291	21.70	ug/l	99
47) Bromodichloromethane	9.65	83	61010	20.01	ug/l	99
48) Methyl methacrylate	9.44	41	24681	20.39	ug/l	92
49) 1,4-Dioxane	9.48	88	9112	470.60	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	134672	105.24	ug/l	98
52) Toluene	10.39	92	130925	21.18	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	56438	18.58	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	66792	19.16	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38148	21.67	ug/l	99
56) Ethyl methacrylate	10.65	69	44652	20.69	ug/l	98
57) 1,3-Dichloropropane	10.93	76	63136	21.67	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	88851	107.76	ug/l	99
59) 2-Hexanone	10.98	43	91405	100.07	ug/l	98
60) Dibromochloromethane	11.13	129	42228	19.26	ug/l	99
61) 1,2-Dibromoethane	11.24	107	37991	21.60	ug/l	99
64) Tetrachloroethene	10.87	164	56518	21.86	ug/l	99
65) Chlorobenzene	11.66	112	154443	21.66	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	50953	20.11	ug/l	99
67) Ethyl Benzene	11.74	91	259286	20.98	ug/l	99
68) m/p-Xylenes	11.84	106	204995	41.97	ug/l	100
69) o-Xylene	12.17	106	97346	20.91	ug/l	100
70) Styrene	12.18	104	159749	21.11	ug/l	100
71) Bromoform	12.35	173	25438	18.00	ug/l #	100
73) Isopropylbenzene	12.47	105	272963	20.61	ug/l	100
74) N-amyl acetate	12.28	43	49874	19.39	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	42873	21.29	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	33805m	23.61	ug/l	
77) Bromobenzene	12.75	156	68014	20.97	ug/l	100
78) n-propylbenzene	12.81	91	320112	20.78	ug/l	100
79) 2-Chlorotoluene	12.90	91	181951	21.02	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	231396	20.73	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9567	15.97	ug/l	91
82) 4-Chlorotoluene	12.99	91	193207	21.31	ug/l	99
83) tert-Butylbenzene	13.21	119	207148	20.74	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	235710	20.87	ug/l	99
85) sec-Butylbenzene	13.39	105	290557	20.59	ug/l	100
86) p-Isopropyltoluene	13.51	119	261719	20.51	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	136667	21.17	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	135088	21.02	ug/l	99
89) n-Butylbenzene	13.83	91	239512	20.52	ug/l	99
90) Hexachloroethane	14.10	117	39026	18.05	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	122538	21.28	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6877	19.07	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	93646	21.14	ug/l	99
94) Hexachlorobutadiene	15.24	225	57853	20.79	ug/l	99
95) Naphthalene	15.38	128	160523	21.78	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	83075	21.68	ug/l	100

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

