

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006681.D
 Acq On : 06 Nov 2018 13:06
 Operator : SY/AP
 Sample : VW1106SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

Manual Integrations
 APPROVED

apatel
 11/7/2018 2:06:10 PM

Quant Time: Nov 06 14:58:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	346790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	179778	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	104305	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
35) Dibromofluoromethane	7.88	113	115753	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
50) Toluene-d8	10.33	98	444390	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
62) 4-Bromofluorobenzene	12.62	95	156073	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	30832	23.735	ug/l	97
3) Chloromethane	2.21	50	33937	21.115	ug/l	97
4) Vinyl Chloride	2.37	62	49761	22.173	ug/l	98
5) Bromomethane	2.79	94	40941	21.738	ug/l	100
6) Chloroethane	2.93	64	33895	21.616	ug/l	99
7) Trichlorofluoromethane	3.26	101	42225	21.306	ug/l	99
8) Diethyl Ether	3.68	74	19108	17.638	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.07	101	47625	22.504	ug/l	100
10) Methyl Iodide	4.26	142	75669	19.720	ug/l	99
11) Tert butyl alcohol	5.24	59	9808	84.510	ug/l	97
12) 1,1-Dichloroethene	4.03	96	43295	21.182	ug/l	97
13) Acrolein	3.90	56	11160	76.455	ug/l	99
14) Allyl chloride	4.67	41	53462	20.038	ug/l	98
15) Acrylonitrile	5.38	53	34159	87.939	ug/l	99
16) Acetone	4.15	43	40622	116.808	ug/l	98
17) Carbon Disulfide	4.37	76	125046	21.498	ug/l	99
18) Methyl Acetate	4.68	43	16944	16.944	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	55671	18.298	ug/l	98
20) Methylene Chloride	4.91	84	47253	17.027	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	47339	20.468	ug/l	97
22) Diisopropyl ether	6.32	45	108456	19.499	ug/l	98
23) Vinyl Acetate	6.26	43	286450	92.867	ug/l	98
24) 1,1-Dichloroethane	6.21	63	76109	20.190	ug/l	100
25) 2-Butanone	7.18	43	48798	98.334	ug/l	98
26) 2,2-Dichloropropane	7.17	77	52227	22.999	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	51891	20.054	ug/l	99
28) Bromochloromethane	7.51	49	28240	18.866	ug/l	98
29) Tetrahydrofuran	7.54	42	26219	84.001	ug/l	99
30) Chloroform	7.68	83	81974	19.834	ug/l	96
31) Cyclohexane	7.96	56	71752	20.913	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	73681	21.068	ug/l	99
36) 1,1-Dichloropropene	8.09	75	67291	22.065	ug/l	99
37) Ethyl Acetate	7.26	43	20478	19.377	ug/l	98
38) Carbon Tetrachloride	8.07	117	71155	22.329	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	85302	22.041	ug/l	98
40) Benzene	8.32	78	186010	21.474	ug/l	98
41) Methacrylonitrile	7.49	41	11867	18.312	ug/l	98
42) 1,2-Dichloroethane	8.40	62	49422	19.894	ug/l	100
43) Isopropyl Acetate	8.43	43	37732	17.892	ug/l	98
44) Trichloroethene	9.10	130	56912	21.291	ug/l	98
45) 1,2-Dichloropropane	9.37	63	42746	21.205	ug/l	99
46) Dibromomethane	9.46	93	23359	19.712	ug/l	99
47) Bromodichloromethane	9.65	83	56473	20.525	ug/l	99
48) Methyl methacrylate	9.44	41	17690	17.410	ug/l	95
49) 1,4-Dioxane	9.49	88	6315	364.139	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	96632	89.217	ug/l	98
52) Toluene	10.39	92	123694	21.290	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	53014	20.020	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	64152	20.501	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32805	19.511	ug/l	98
56) Ethyl methacrylate	10.65	69	33898	17.738	ug/l	98
57) 1,3-Dichloropropane	10.93	76	53468	19.584	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	85728	92.284	ug/l	99
59) 2-Hexanone	10.98	43	72362	98.367	ug/l	98
60) Dibromochloromethane	11.13	129	39375	19.766	ug/l	100
61) 1,2-Dibromoethane	11.24	107	32010	19.171	ug/l	100
64) Tetrachloroethene	10.87	164	51386	20.272	ug/l	98
65) Chlorobenzene	11.66	112	141801	21.192	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48505	20.624	ug/l	98
67) Ethyl Benzene	11.74	91	240098	21.467	ug/l	100
68) m/p-Xylenes	11.84	106	193683	43.345	ug/l	98
69) o-Xylene	12.17	106	89297	20.991	ug/l	100
70) Styrene	12.19	104	144395	20.820	ug/l	100
71) Bromoform	12.35	173	23826	19.111	ug/l #	99
73) Isopropylbenzene	12.47	105	250981	21.193	ug/l	100
74) N-amyl acetate	12.28	43	36585	17.877	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	35172	18.804	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	27140m	19.349	ug/l	
77) Bromobenzene	12.75	156	62713	20.453	ug/l	100
78) n-propylbenzene	12.81	91	296387	21.758	ug/l	100
79) 2-Chlorotoluene	12.90	91	165169	21.128	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	212819	21.390	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9339	18.986	ug/l	97
82) 4-Chlorotoluene	12.99	91	174915	21.149	ug/l	99
83) tert-Butylbenzene	13.21	119	189146	21.318	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	216176	21.183	ug/l	100
85) sec-Butylbenzene	13.39	105	274930	22.124	ug/l	100
86) p-Isopropyltoluene	13.51	119	247845	21.919	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	127654	21.139	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	127170	21.245	ug/l	99
89) n-Butylbenzene	13.83	91	226739	22.590	ug/l	99
90) Hexachloroethane	14.10	117	40201	21.632	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	112062	20.631	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5227	17.222	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	83744	20.734	ug/l	99
94) Hexachlorobutadiene	15.24	225	56203	22.327	ug/l	100
95) Naphthalene	15.38	128	116181	17.897	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	71095	20.028	ug/l	99

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

