

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006682.D
 Acq On : 06 Nov 2018 13:32
 Operator : SY/AP
 Sample : VW1106SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS01

Manual Integrations
 APPROVED

apatel
 11/7/2018 2:06:14 PM

Quant Time: Nov 06 14:59:39 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	259708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	360501	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	189263	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	102621	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
35) Dibromofluoromethane	7.88	113	112862	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
50) Toluene-d8	10.33	98	431645	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.62	95	152742	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	30400	22.580	ug/l	98
3) Chloromethane	2.21	50	34243	20.557	ug/l	96
4) Vinyl Chloride	2.37	62	51602	22.186	ug/l	97
5) Bromomethane	2.79	94	41699	21.362	ug/l	100
6) Chloroethane	2.93	64	35659	21.942	ug/l	98
7) Trichlorofluoromethane	3.26	101	47861	23.302	ug/l	99
8) Diethyl Ether	3.68	74	22055	19.643	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	47862	21.822	ug/l	100
10) Methyl Iodide	4.26	142	78472	19.732	ug/l	100
11) Tert butyl alcohol	5.24	59	10121	84.144	ug/l	100
12) 1,1-Dichloroethene	4.03	96	45018	21.251	ug/l	97
13) Acrolein	3.90	56	11931	78.866	ug/l	97
14) Allyl chloride	4.67	41	56797	20.540	ug/l	99
15) Acrylonitrile	5.38	53	37890	94.118	ug/l	99
16) Acetone	4.15	43	44104	122.367	ug/l	98
17) Carbon Disulfide	4.37	76	128614	21.335	ug/l	100
18) Methyl Acetate	4.68	43	17965	17.334	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	60218	19.097	ug/l	96
20) Methylene Chloride	4.91	84	48665	16.877	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	49265	20.552	ug/l	94
22) Diisopropyl ether	6.32	45	114765	19.908	ug/l	99
23) Vinyl Acetate	6.26	43	311667	97.493	ug/l	99
24) 1,1-Dichloroethane	6.22	63	78869	20.187	ug/l	99
25) 2-Butanone	7.19	43	53954	104.905	ug/l	97
26) 2,2-Dichloropropane	7.17	77	55019	23.378	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	53641	20.002	ug/l	98
28) Bromochloromethane	7.51	49	29525	19.031	ug/l	99
29) Tetrahydrofuran	7.54	42	28549	88.253	ug/l	97
30) Chloroform	7.68	83	86371	20.164	ug/l	98
31) Cyclohexane	7.96	56	74659	20.996	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	77254	21.314	ug/l	99
36) 1,1-Dichloropropene	8.09	75	68264	21.533	ug/l	99
37) Ethyl Acetate	7.26	43	21389	19.469	ug/l	99
38) Carbon Tetrachloride	8.07	117	73522	22.194	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	88643	22.033	ug/l	99
40) Benzene	8.33	78	194104	21.556	ug/l	100
41) Methacrylonitrile	7.49	41	12697	18.847	ug/l	99
42) 1,2-Dichloroethane	8.40	62	52259	20.236	ug/l	99
43) Isopropyl Acetate	8.43	43	42119	19.212	ug/l	99
44) Trichloroethene	9.10	130	58779	21.153	ug/l	99
45) 1,2-Dichloropropane	9.37	63	44092	21.041	ug/l	97
46) Dibromomethane	9.46	93	25036	20.324	ug/l	99
47) Bromodichloromethane	9.65	83	60158	21.032	ug/l	99
48) Methyl methacrylate	9.44	41	19723	18.673	ug/l	97
49) 1,4-Dioxane	9.48	88	6826	378.634	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	108691	96.535	ug/l	100
52) Toluene	10.39	92	127046	21.035	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	57827	21.007	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	67346	20.703	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	35169	20.122	ug/l	97
56) Ethyl methacrylate	10.65	69	37740	18.997	ug/l	98
57) 1,3-Dichloropropane	10.94	76	57030	20.094	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	93701	97.030	ug/l	100
59) 2-Hexanone	10.98	43	80309	105.017	ug/l	100
60) Dibromochloromethane	11.13	129	41552	20.065	ug/l	100
61) 1,2-Dibromoethane	11.24	107	34207	19.708	ug/l	100
64) Tetrachloroethene	10.87	164	53463	20.219	ug/l	99
65) Chlorobenzene	11.66	112	148138	21.222	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	50914	20.752	ug/l	99
67) Ethyl Benzene	11.74	91	250650	21.483	ug/l	98
68) m/p-Xylenes	11.84	106	202902	43.529	ug/l	98
69) o-Xylene	12.17	106	92622	20.872	ug/l	99
70) Styrene	12.18	104	150250	20.767	ug/l	99
71) Bromoform	12.35	173	25908	19.921	ug/l #	100
73) Isopropylbenzene	12.47	105	261355	20.963	ug/l	100
74) N-amyl acetate	12.28	43	40268	18.691	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	39071	19.841	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	24898m	16.861	ug/l	
77) Bromobenzene	12.75	156	66627	20.640	ug/l	99
78) n-propylbenzene	12.81	91	311918	21.751	ug/l	99
79) 2-Chlorotoluene	12.90	91	173730	21.109	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	222245	21.218	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10501	20.097	ug/l	96
82) 4-Chlorotoluene	12.99	91	183334	21.056	ug/l	99
83) tert-Butylbenzene	13.21	119	196150	20.999	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	225977	21.033	ug/l	99
85) sec-Butylbenzene	13.39	105	284384	21.738	ug/l	100
86) p-Isopropyltoluene	13.51	119	257171	21.604	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	134272	21.121	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	132868	21.085	ug/l	99
89) n-Butylbenzene	13.83	91	233899	22.135	ug/l	99
90) Hexachloroethane	14.10	117	41570	21.248	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	117387	20.528	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5664	17.726	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	88697	20.860	ug/l	99
94) Hexachlorobutadiene	15.24	225	57755	21.793	ug/l	99
95) Naphthalene	15.38	128	130785	19.137	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	75634	20.239	ug/l	100

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

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