

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006709.D
 Acq On : 07 Nov 2018 02:54
 Operator : SY/AP
 Sample : VW1106SBS02
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1106SBS02

Manual Integrations
 APPROVED

apatel
 11/7/2018 2:06:29 PM

Quant Time: Nov 07 12:26:04 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	227185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	328390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	180443	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	103860	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
35) Dibromofluoromethane	7.88	113	109896	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
50) Toluene-d8	10.32	98	404077	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.62	95	149086	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27457	23.314	ug/l	94
3) Chloromethane	2.21	50	32914	22.587	ug/l	97
4) Vinyl Chloride	2.37	62	46048	22.632	ug/l	99
5) Bromomethane	2.78	94	39622	23.204	ug/l	94
6) Chloroethane	2.92	64	32374	22.772	ug/l	99
7) Trichlorofluoromethane	3.26	101	38579	21.472	ug/l	98
8) Diethyl Ether	3.68	74	21174	21.559	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43602	22.726	ug/l	98
10) Methyl Iodide	4.26	142	74067	21.291	ug/l	99
11) Tert butyl alcohol	5.24	59	11236m	106.787	ug/l	
12) 1,1-Dichloroethene	4.03	96	41073	22.165	ug/l	96
13) Acrolein	3.90	56	10297	77.809	ug/l	96
14) Allyl chloride	4.66	41	53301	22.035	ug/l	99
15) Acrylonitrile	5.38	53	42131	119.634	ug/l	99
16) Acetone	4.15	43	36811	116.753	ug/l	100
17) Carbon Disulfide	4.37	76	116279	22.050	ug/l	98
18) Methyl Acetate	4.68	43	21463	23.674	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	62045	22.494	ug/l	98
20) Methylene Chloride	4.90	84	50636	21.360	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	47859	22.824	ug/l	99
22) Diisopropyl ether	6.31	45	115091	22.823	ug/l	97
23) Vinyl Acetate	6.26	43	323594	115.715	ug/l	99
24) 1,1-Dichloroethane	6.21	63	78598	22.997	ug/l	100
25) 2-Butanone	7.18	43	54377	120.863	ug/l	99
26) 2,2-Dichloropropane	7.17	77	45115	21.914	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	53055	22.616	ug/l	100
28) Bromochloromethane	7.51	49	30457	22.443	ug/l	97
29) Tetrahydrofuran	7.54	42	33283	117.616	ug/l	99
30) Chloroform	7.68	83	87029	23.226	ug/l	97
31) Cyclohexane	7.96	56	65479	21.050	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	70747	22.313	ug/l	99
36) 1,1-Dichloropropene	8.09	75	63983	22.156	ug/l	100
37) Ethyl Acetate	7.26	43	24413	24.394	ug/l	99
38) Carbon Tetrachloride	8.07	117	67711	22.439	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	79087	21.580	ug/l	99
40) Benzene	8.32	78	190231	23.191	ug/l	99
41) Methacrylonitrile	7.49	41	13387	21.815	ug/l	93
42) 1,2-Dichloroethane	8.40	62	54868	23.324	ug/l	100
43) Isopropyl Acetate	8.43	43	47081	23.576	ug/l	99
44) Trichloroethene	9.09	130	56563	22.346	ug/l	94
45) 1,2-Dichloropropane	9.37	63	44936	23.540	ug/l	98
46) Dibromomethane	9.46	93	26214	23.361	ug/l	99
47) Bromodichloromethane	9.65	83	61063	23.436	ug/l	99
48) Methyl methacrylate	9.44	41	22503	23.388	ug/l	97
49) 1,4-Dioxane	9.48	88	7705	469.183	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	124190	121.086	ug/l	98
52) Toluene	10.39	92	125127	22.744	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	57419	22.899	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	67650	22.830	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38084	23.920	ug/l	96
56) Ethyl methacrylate	10.65	69	40611	22.442	ug/l	98
57) 1,3-Dichloropropane	10.93	76	60804	23.519	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	100647	114.414	ug/l	100
59) 2-Hexanone	10.98	43	83145	119.358	ug/l	98
60) Dibromochloromethane	11.13	129	44565	23.625	ug/l	98
61) 1,2-Dibromoethane	11.24	107	37014	23.411	ug/l	99
64) Tetrachloroethene	10.87	164	54523	21.878	ug/l	98
65) Chlorobenzene	11.66	112	148194	22.526	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	51883	22.437	ug/l	99
67) Ethyl Benzene	11.74	91	242176	22.024	ug/l	99
68) m/p-Xylenes	11.84	106	196575	44.745	ug/l	99
69) o-Xylene	12.17	106	90642	21.672	ug/l	97
70) Styrene	12.18	104	152675	22.390	ug/l	100
71) Bromoform	12.35	173	28809	23.503	ug/l #	100
73) Isopropylbenzene	12.47	105	251107	21.125	ug/l	100
74) N-amyl acetate	12.28	43	44767	21.794	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	43915	23.391	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	33147m	23.544	ug/l	
77) Bromobenzene	12.75	156	66805	21.707	ug/l	98
78) n-propylbenzene	12.81	91	298104	21.803	ug/l	100
79) 2-Chlorotoluene	12.90	91	169663	21.623	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	215942	21.624	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10730	21.348	ug/l	98
82) 4-Chlorotoluene	12.99	91	181441	21.857	ug/l	99
83) tert-Butylbenzene	13.21	119	186257	20.915	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	222614	21.733	ug/l	99
85) sec-Butylbenzene	13.39	105	267055	21.411	ug/l	100
86) p-Isopropyltoluene	13.51	119	241231	21.255	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	134588	22.206	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	133810	22.272	ug/l	99
89) n-Butylbenzene	13.83	91	218948	21.733	ug/l	99
90) Hexachloroethane	14.10	117	40121	21.509	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	121084	22.209	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6769	22.220	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	88693	21.878	ug/l	98
94) Hexachlorobutadiene	15.24	225	53575	21.204	ug/l	99
95) Naphthalene	15.38	128	143596	22.039	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	78573	22.053	ug/l	99

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

