

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003796.D
 Acq On : 10 Jul 2018 01:05
 Operator : SY/AP
 Sample : VW0709SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS02

Manual Integrations
 APPROVED

apatel
 7/10/2018 10:47:40 AM

Quant Time: Jul 10 02:36:47 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	192572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	310882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	297405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	160496	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	126605	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
35) Dibromofluoromethane	7.88	113	108690	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	10.32	98	424459	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.62	95	153353	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	18881	20.160	ug/l	99
3) Chloromethane	2.21	50	38469	21.636	ug/l	94
4) Vinyl Chloride	2.36	62	54040	23.044	ug/l	97
5) Bromomethane	2.77	94	32702	19.755	ug/l	97
6) Chloroethane	2.92	64	28124	19.997	ug/l	98
7) Trichlorofluoromethane	3.25	101	21706	22.912	ug/l	95
8) Diethyl Ether	3.67	74	23022	23.712	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	43594	23.662	ug/l	100
10) Methyl Iodide	4.26	142	65409	23.851	ug/l	98
11) Tert butyl alcohol	5.18	59	19361	141.865	ug/l	97
12) 1,1-Dichloroethene	4.03	96	43371	23.975	ug/l	96
13) Acrolein	3.88	56	19679	96.676	ug/l	99
14) Allyl chloride	4.65	41	72355	23.005	ug/l	99
15) Acrylonitrile	5.37	53	55937	115.049	ug/l	99
16) Acetone	4.12	43	52326	119.762	ug/l	98
17) Carbon Disulfide	4.37	76	141739	23.899	ug/l	99
18) Methyl Acetate	4.67	43	27522	22.342	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	80939	21.653	ug/l	99
20) Methylene Chloride	4.90	84	53334	22.649	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	47033	21.961	ug/l	97
22) Diisopropyl ether	6.31	45	154393	22.329	ug/l	99
23) Vinyl Acetate	6.26	43	444299	105.262	ug/l	100
24) 1,1-Dichloroethane	6.21	63	90784	21.709	ug/l	99
25) 2-Butanone	7.18	43	75113	109.761	ug/l	99
26) 2,2-Dichloropropane	7.17	77	47706	21.032	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	50640	21.383	ug/l	99
28) Bromochloromethane	7.51	49	39194	21.039	ug/l	100
29) Tetrahydrofuran	7.53	42	48848	111.039	ug/l	99
30) Chloroform	7.68	83	93624	21.946	ug/l	100
31) Cyclohexane	7.95	56	78218	21.285	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	72571	22.352	ug/l	99
36) 1,1-Dichloropropene	8.08	75	71655	21.723	ug/l	99
37) Ethyl Acetate	7.26	43	35652	22.213	ug/l	98
38) Carbon Tetrachloride	8.07	117	68385	21.805	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	77405	21.426	ug/l	98
40) Benzene	8.32	78	205921	21.836	ug/l	98
41) Methacrylonitrile	7.48	41	20636	22.351	ug/l	93
42) 1,2-Dichloroethane	8.40	62	65461	21.448	ug/l	100
43) Isopropyl Acetate	8.43	43	64147	21.088	ug/l	99
44) Trichloroethene	9.09	130	51339	21.594	ug/l	98
45) 1,2-Dichloropropane	9.37	63	54211	22.109	ug/l	97
46) Dibromomethane	9.46	93	27771	21.540	ug/l	97
47) Bromodichloromethane	9.65	83	67942	21.421	ug/l	98
48) Methyl methacrylate	9.44	41	30252	20.882	ug/l	96
49) 1,4-Dioxane	9.45	88	9050	469.659	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	172434	109.543	ug/l	99
52) Toluene	10.39	92	129081	22.074	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	64685	20.425	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	74978	20.973	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	38474	21.486	ug/l	98
56) Ethyl methacrylate	10.65	69	45260	20.712	ug/l	98
57) 1,3-Dichloropropane	10.93	76	65741	21.064	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	92734	89.523	ug/l	99
59) 2-Hexanone	10.98	43	118495	109.624	ug/l	98
60) Dibromochloromethane	11.13	129	44946	21.502	ug/l	100
61) 1,2-Dibromoethane	11.24	107	36536	21.336	ug/l	99
64) Tetrachloroethene	10.87	164	50557	22.982	ug/l	97
65) Chlorobenzene	11.66	112	142080	21.671	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	49654	21.673	ug/l	99
67) Ethyl Benzene	11.74	91	242914	21.668	ug/l	99
68) m/p-Xylenes	11.84	106	189114	44.053	ug/l	99
69) o-Xylene	12.17	106	86319	21.791	ug/l	100
70) Styrene	12.19	104	148408	22.032	ug/l	99
71) Bromoform	12.35	173	27492	21.743	ug/l #	99
73) Isopropylbenzene	12.47	105	236348	21.745	ug/l	99
74) N-amyl acetate	12.28	43	61964	21.032	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	47175	21.410	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	31242m	19.823	ug/l	
77) Bromobenzene	12.75	156	58155	21.552	ug/l	98
78) n-propylbenzene	12.81	91	299002	21.914	ug/l	100
79) 2-Chlorotoluene	12.90	91	171126	21.831	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	211053	22.529	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	13070	20.286	ug/l	99
82) 4-Chlorotoluene	12.99	91	186393	22.113	ug/l	99
83) tert-Butylbenzene	13.21	119	169771	21.974	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	215472	22.141	ug/l	99
85) sec-Butylbenzene	13.39	105	258770	22.390	ug/l	100
86) p-Isopropyltoluene	13.51	119	221529	21.936	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	119436	21.846	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	118962	21.639	ug/l	99
89) n-Butylbenzene	13.83	91	214195	21.562	ug/l	100
90) Hexachloroethane	14.10	117	41337	21.249	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	106918	21.728	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8199	21.496	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	69950	21.001	ug/l	100
94) Hexachlorobutadiene	15.24	225	39949	20.969	ug/l	98
95) Naphthalene	15.38	128	123059	20.672	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	62235	20.868	ug/l	100

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

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