

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070318\
 Data File : VW003708.D
 Acq On : 03 Jul 2018 19:18
 Operator : SY/AP
 Sample : J3845-14MS
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GF-G-9MS

Manual Integrations
 APPROVED

apatel
 7/5/2018 11:12:05 AM

Quant Time: Jul 05 02:51:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 08:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	132999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	208484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	201394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	110037	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	93676	59.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.16%	
35) Dibromofluoromethane	7.88	113	77266	56.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.64%	
50) Toluene-d8	10.33	98	297884	55.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.62%	
62) 4-Bromofluorobenzene	12.62	95	107020	55.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	21812	32.197	ug/l	97
3) Chloromethane	2.20	50	58034	54.778	ug/l	100
4) Vinyl Chloride	2.35	62	80384	55.611	ug/l	96
5) Bromomethane	2.77	94	48561	51.239	ug/l	96
6) Chloroethane	2.92	64	45266	52.044	ug/l	98
7) Trichlorofluoromethane	3.25	101	48960	63.695	ug/l	100
8) Diethyl Ether	3.67	74	39393	55.388	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	66186	51.814	ug/l	99
10) Methyl Iodide	4.26	142	100953	53.821	ug/l	98
11) Tert butyl alcohol	5.17	59	28342	285.650	ug/l	99
12) 1,1-Dichloroethene	4.02	96	63467	49.850	ug/l	95
13) Acrolein	3.89	56	4200	87.240	ug/l	85
14) Allyl chloride	4.66	41	114431	52.553	ug/l	99
15) Acrylonitrile	5.37	53	97945	296.926	ug/l	99
16) Acetone	4.12	43	113487	299.834	ug/l	96
17) Carbon Disulfide	4.36	76	206064	53.915	ug/l	98
18) Methyl Acetate	4.67	43	99264	119.679	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	148270	59.622	ug/l	100
20) Methylene Chloride	4.90	84	80423	55.854	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	71074	50.972	ug/l	98
22) Diisopropyl ether	6.31	45	243361	54.513	ug/l	98
23) Vinyl Acetate	6.26	43	565098	190.204	ug/l	98
24) 1,1-Dichloroethane	6.21	63	138407	51.988	ug/l	100
25) 2-Butanone	7.17	43	140542	289.987	ug/l	98
26) 2,2-Dichloropropane	7.17	77	91875	56.283	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	78680	51.816	ug/l	100
28) Bromochloromethane	7.51	49	64812	55.383	ug/l #	16
29) Tetrahydrofuran	7.53	42	87975	302.817	ug/l	99
30) Chloroform	7.67	83	142721	53.016	ug/l	92
31) Cyclohexane	7.95	56	121011	49.922	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	117977	56.297	ug/l	99
36) 1,1-Dichloropropene	8.08	75	108694	51.936	ug/l	100
37) Ethyl Acetate	7.26	43	50712	49.781	ug/l	99
38) Carbon Tetrachloride	8.07	117	108375	54.435	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	122435	50.802	ug/l	100
40) Benzene	8.32	78	309200	52.565	ug/l	99
41) Methacrylonitrile	7.49	41	31853	55.011	ug/l	95
42) 1,2-Dichloroethane	8.40	62	105757	57.099	ug/l	99
43) Isopropyl Acetate	8.43	43	97881	51.017	ug/l	99
44) Trichloroethene	9.09	130	77920	51.242	ug/l	100
45) 1,2-Dichloropropane	9.37	63	82748	54.229	ug/l	100
46) Dibromomethane	9.46	93	44888	56.644	ug/l	98
47) Bromodichloromethane	9.65	83	108775	55.527	ug/l	98
48) Methyl methacrylate	9.44	41	56918	55.727	ug/l	98
49) 1,4-Dioxane	9.45	88	13818	1111.540	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	307952	304.606	ug/l	99
52) Toluene	10.39	92	197647	53.843	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	112499	55.355	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	124865	54.193	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	62886	56.326	ug/l	96
56) Ethyl methacrylate	10.65	69	75299	47.703	ug/l	94
57) 1,3-Dichloropropane	10.94	76	109765	56.595	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	171960	288.154	ug/l	99
59) 2-Hexanone	10.98	43	221001	305.804	ug/l	99
60) Dibromochloromethane	11.13	129	73505	56.318	ug/l	99
61) 1,2-Dibromoethane	11.24	107	60256	56.347	ug/l	98
64) Tetrachloroethene	10.87	164	72354	53.155	ug/l	98
65) Chlorobenzene	11.66	112	214228	50.596	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	80005	54.068	ug/l	99
67) Ethyl Benzene	11.74	91	376523	50.753	ug/l	99
68) m/p-Xylenes	11.84	106	290109	102.834	ug/l	100
69) o-Xylene	12.17	106	134899	51.725	ug/l	100
70) Styrene	12.19	104	232409	53.057	ug/l	99
71) Bromoform	12.35	173	45976	55.918	ug/l #	99
73) Isopropylbenzene	12.47	105	372514	49.768	ug/l	100
74) N-amyl acetate	12.28	43	81845	41.410	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	79523	54.317	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	54998m	55.588	ug/l	
77) Bromobenzene	12.75	156	90602	50.437	ug/l	98
78) n-propylbenzene	12.81	91	460207	49.769	ug/l	99
79) 2-Chlorotoluene	12.90	91	259902	49.394	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	320658	50.641	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	24841	53.201	ug/l	95
82) 4-Chlorotoluene	12.99	91	277916	49.755	ug/l	100
83) tert-Butylbenzene	13.21	119	266985	49.985	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	334431	51.303	ug/l	99
85) sec-Butylbenzene	13.39	105	390653	49.151	ug/l	100
86) p-Isopropyltoluene	13.51	119	344108	49.498	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	179384	49.203	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	179000	49.134	ug/l	99
89) n-Butylbenzene	13.83	91	322604	46.937	ug/l	98
90) Hexachloroethane	14.10	117	62982	48.765	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	167608	51.417	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14511	56.885	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	106227	46.216	ug/l	99
94) Hexachlorobutadiene	15.25	225	55929	42.131	ug/l	98
95) Naphthalene	15.38	128	213644	51.250	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	97277	47.511	ug/l	100

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

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