

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006514.D
 Acq On : 30 Oct 2018 20:36
 Operator : SY/AP
 Sample : J5649-07MS
 Misc : 4.90G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMS

Manual Integrations
 APPROVED

MMDadoda
 10/31/2018 12:31:35 PM

Quant Time: Oct 31 04:11:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	104282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	135929	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	101906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	37120	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	46389	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
35) Dibromofluoromethane	7.88	113	47667	59.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.70%	
50) Toluene-d8	10.33	98	162856	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	
62) 4-Bromofluorobenzene	12.62	95	41505	36.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	35347	68.496	ug/l	95
3) Chloromethane	2.21	50	42527	64.020	ug/l	99
4) Vinyl Chloride	2.37	62	62618	66.008	ug/l	97
5) Bromomethane	2.78	94	53436	61.931	ug/l	97
6) Chloroethane	2.93	64	44209	65.029	ug/l	97
7) Trichlorofluoromethane	3.26	101	74974	84.838	ug/l	100
8) Diethyl Ether	3.68	74	35433	75.443	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	61485	66.389	ug/l	98
10) Methyl Iodide	4.26	142	101606	65.915	ug/l	99
11) Tert butyl alcohol	5.18	59	21292	366.187	ug/l	99
12) 1,1-Dichloroethene	4.03	96	52439	60.184	ug/l	89
13) Acrolein	3.89	56	14007	248.955	ug/l	97
14) Allyl chloride	4.67	41	69245	55.581	ug/l	98
15) Acrylonitrile	5.37	53	66926	397.287	ug/l	100
16) Acetone	4.13	43	72850	461.683	ug/l	94
17) Carbon Disulfide	4.37	76	116911	44.459	ug/l	98
18) Methyl Acetate	4.67	43	37078	85.221	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	114402	86.205	ug/l	100
20) Methylene Chloride	4.91	84	67539	74.631	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	52029	53.497	ug/l	97
22) Diisopropyl ether	6.31	45	176474	71.680	ug/l	100
23) Vinyl Acetate	6.26	43	446206	307.107	ug/l	97
24) 1,1-Dichloroethane	6.21	63	105539	66.435	ug/l	100
25) 2-Butanone	7.17	43	91925	393.584	ug/l	98
26) 2,2-Dichloropropane	7.17	77	81823	73.028	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	63590	59.250	ug/l	100
28) Bromochloromethane	7.51	49	39434	64.299	ug/l	93
29) Tetrahydrofuran	7.53	42	58158	405.104	ug/l	98
30) Chloroform	7.68	83	114989	66.437	ug/l	99
31) Cyclohexane	7.96	56	87187	55.111	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	108638	69.583	ug/l	99
36) 1,1-Dichloropropene	8.09	75	75217	60.035	ug/l	99
37) Ethyl Acetate	7.26	43	40206	86.373	ug/l	99
38) Carbon Tetrachloride	8.07	117	97654	71.100	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	88878	53.366	ug/l	100
40) Benzene	8.32	78	240667	70.027	ug/l	98
41) Methacrylonitrile	7.49	41	23524	83.829	ug/l	96
42) 1,2-Dichloroethane	8.40	62	72908	72.206	ug/l	99
43) Isopropyl Acetate	8.43	43	77423	81.346	ug/l	97
44) Trichloroethene	9.09	130	62532	59.306	ug/l	100
45) 1,2-Dichloropropane	9.37	63	58711	71.390	ug/l	99
46) Dibromomethane	9.46	93	32633	69.621	ug/l	97
47) Bromodichloromethane	9.65	83	76723	67.514	ug/l	98
48) Methyl methacrylate	9.44	41	34081	75.542	ug/l	94
49) 1,4-Dioxane	9.46	88	12139	1682.268	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	200507	420.462	ug/l	99
52) Toluene	10.39	92	145031	62.945	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	61533	54.347	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	75024	57.735	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	50098	76.377	ug/l	98
56) Ethyl methacrylate	10.65	69	57528	71.542	ug/l	95
57) 1,3-Dichloropropane	10.93	76	76423	70.383	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	96439	313.867	ug/l	97
59) 2-Hexanone	10.97	43	127279	373.900	ug/l	97
60) Dibromochloromethane	11.13	129	53174	65.083	ug/l	97
61) 1,2-Dibromoethane	11.24	107	42831	65.352	ug/l	98
64) Tetrachloroethene	10.87	164	52784	66.722	ug/l	97
65) Chlorobenzene	11.66	112	138920	63.681	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	65300	84.229	ug/l	98
67) Ethyl Benzene	11.74	91	250234	66.189	ug/l	99
68) m/p-Xylenes	11.84	106	195352	130.731	ug/l	98
69) o-Xylene	12.17	106	101486	71.263	ug/l	100
70) Styrene	12.18	104	133343	57.580	ug/l	99
71) Bromoform	12.35	173	34233	79.166	ug/l #	98
73) Isopropylbenzene	12.47	105	264351	100.804	ug/l	99
74) N-amyl acetate	12.28	43	53771	105.569	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	57855	145.052	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	43197m	152.358	ug/l	
77) Bromobenzene	12.75	156	55928	87.072	ug/l	97
78) n-propylbenzene	12.81	91	253260	83.010	ug/l	99
79) 2-Chlorotoluene	12.90	91	148699	86.745	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	208585	94.350	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12608	106.298	ug/l	98
82) 4-Chlorotoluene	12.99	91	128959	71.816	ug/l	100
83) tert-Butylbenzene	13.21	119	207439	104.875	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	200196	89.490	ug/l	98
85) sec-Butylbenzene	13.39	105	239505	85.711	ug/l	99
86) p-Isopropyltoluene	13.51	119	204109	80.756	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	83643	65.432	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	78987	62.059	ug/l	98
89) n-Butylbenzene	13.83	91	121006	52.350	ug/l	99
90) Hexachloroethane	14.10	117	41991	98.083	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	88103	77.266	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8256	115.611	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	31907	36.367	ug/l	99
94) Hexachlorobutadiene	15.24	225	27110	49.188	ug/l	98
95) Naphthalene	15.38	128	88213	60.441	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	33026	43.520	ug/l	97

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

