

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006515.D
 Acq On : 30 Oct 2018 21:02
 Operator : SY/AP
 Sample : J5649-08MSD
 Misc : 3.89G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMSD

Manual Integrations
 APPROVED

MMDadoda
 10/31/2018 12:31:36 PM

Quant Time: Oct 31 04:13:12 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	150170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	195906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	138135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	41293	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	67178	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	
35) Dibromofluoromethane	7.89	113	74486	64.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.70%	
50) Toluene-d8	10.33	98	241889	54.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.84%	
62) 4-Bromofluorobenzene	12.62	95	54685	33.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	52163	70.194	ug/l	99
3) Chloromethane	2.21	50	64981	67.931	ug/l	100
4) Vinyl Chloride	2.37	62	88792	64.998	ug/l	98
5) Bromomethane	2.79	94	81109	65.279	ug/l	96
6) Chloroethane	2.93	64	68048	69.509	ug/l	99
7) Trichlorofluoromethane	3.26	101	94905	74.576	ug/l	98
8) Diethyl Ether	3.68	74	47257	69.872	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	94119	70.572	ug/l	100
10) Methyl Iodide	4.26	142	147202	66.314	ug/l	98
11) Tert butyl alcohol	5.23	59	25659	306.445	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	78932	62.908	ug/l	88
13) Acrolein	3.90	56	18136	223.843	ug/l	96
14) Allyl chloride	4.67	41	104344	58.161	ug/l	98
15) Acrylonitrile	5.38	53	78855	325.061	ug/l	100
16) Acetone	4.14	43	77436	336.667	ug/l	97
17) Carbon Disulfide	4.37	76	149400	39.453	ug/l	100
18) Methyl Acetate	4.67	43	46593	74.366	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	150621	78.815	ug/l	95
20) Methylene Chloride	4.92	84	92808	71.139	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	73958	52.808	ug/l	99
22) Diisopropyl ether	6.32	45	275304	77.653	ug/l	96
23) Vinyl Acetate	6.26	43	589523	281.761	ug/l	99
24) 1,1-Dichloroethane	6.22	63	164305	71.823	ug/l	99
25) 2-Butanone	7.18	43	105748	314.414	ug/l	96
26) 2,2-Dichloropropane	7.17	77	112352	69.634	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	91153	58.979	ug/l	99
28) Bromochloromethane	7.52	49	53311	60.363	ug/l	90
29) Tetrahydrofuran	7.54	42	70361	340.342	ug/l	96
30) Chloroform	7.68	83	173142	69.468	ug/l	98
31) Cyclohexane	7.96	56	129667	56.917	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	160523	71.398	ug/l	99
36) 1,1-Dichloropropene	8.09	75	102982	57.031	ug/l	99
37) Ethyl Acetate	7.26	43	47422	70.685	ug/l	99
38) Carbon Tetrachloride	8.07	117	147108	74.316	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	128884	53.695	ug/l	98
40) Benzene	8.33	78	354281	71.526	ug/l	99
41) Methacrylonitrile	7.49	41	29711	73.462	ug/l	97
42) 1,2-Dichloroethane	8.40	62	101246	69.573	ug/l	99
43) Isopropyl Acetate	8.43	43	99920	72.842	ug/l	98
44) Trichloroethene	9.09	130	85532	56.285	ug/l	98
45) 1,2-Dichloropropane	9.37	63	87924	74.181	ug/l	99
46) Dibromomethane	9.46	93	43542	64.455	ug/l	97
47) Bromodichloromethane	9.65	83	113401	69.239	ug/l	98
48) Methyl methacrylate	9.44	41	42439	65.269	ug/l	95
49) 1,4-Dioxane	9.48	88	15077	1449.745	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	249963	363.695	ug/l	97
52) Toluene	10.39	92	207376	62.449	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	78977	48.399	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	107833	57.578	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	70357	74.424	ug/l	98
56) Ethyl methacrylate	10.65	69	76939	66.388	ug/l	97
57) 1,3-Dichloropropane	10.94	76	103384	66.063	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	120185	271.398	ug/l	97
59) 2-Hexanone	10.98	43	150871	307.517	ug/l	96
60) Dibromochloromethane	11.13	129	78444	66.618	ug/l	100
61) 1,2-Dibromoethane	11.24	107	57165	60.519	ug/l	98
64) Tetrachloroethene	10.87	164	74331	69.316	ug/l	99
65) Chlorobenzene	11.66	112	189367	64.039	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	103545	98.531	ug/l	99
67) Ethyl Benzene	11.74	91	360708	70.386	ug/l	100
68) m/p-Xylenes	11.84	106	275541	136.033	ug/l	98
69) o-Xylene	12.17	106	147585	76.453	ug/l	99
70) Styrene	12.19	104	171558	54.652	ug/l	97
71) Bromoform	12.35	173	45227	77.159	ug/l #	99
73) Isopropylbenzene	12.47	105	384919	131.947	ug/l	99
74) N-amyl acetate	12.28	43	64895	114.533	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	73670	166.037	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	54195m	171.831	ug/l	
77) Bromobenzene	12.75	156	70818	99.112	ug/l	98
78) n-propylbenzene	12.81	91	324879	95.723	ug/l	100
79) 2-Chlorotoluene	12.90	91	197638	103.642	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	295714	120.244	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	15103	114.466	ug/l	99
82) 4-Chlorotoluene	12.99	91	153656	76.922	ug/l	100
83) tert-Butylbenzene	13.21	119	303038	137.725	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	270872	108.846	ug/l	100
85) sec-Butylbenzene	13.39	105	322179	103.645	ug/l	100
86) p-Isopropyltoluene	13.51	119	270532	96.219	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	94200	66.244	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	85227	60.195	ug/l	99
89) n-Butylbenzene	13.83	91	137804	53.592	ug/l	99
90) Hexachloroethane	14.10	117	64318	135.052	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	101607	80.104	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10129	127.505	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	29635	30.364	ug/l	99
94) Hexachlorobutadiene	15.25	225	38084	62.116	ug/l	98
95) Naphthalene	15.38	128	79479	48.953	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	31776	37.641	ug/l	100

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

