

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025785.D
 Acq On : 01 Aug 2018 18:39
 Operator : MD/SY
 Sample : J4262-04MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GW-03MSD

Manual Integrations
 APPROVED

MMDadoda
 8/2/2018 9:45:20 AM

Quant Time: Aug 02 05:14:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	186260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	279801	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	267987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	170079	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	146956	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.28%		
35) Dibromofluoromethane	4.89	113	123226	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.28%		
50) Toluene-d8	7.57	98	434745	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.10%		
62) 4-Bromofluorobenzene	10.31	95	170411	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.12%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	142722	50.698	ug/l	100
3) Chloromethane	1.33	50	113370	42.134	ug/l	99
4) Vinyl Chloride	1.40	62	122662	48.441	ug/l	99
5) Bromomethane	1.62	94	33074	26.742	ug/l	99
6) Chloroethane	1.70	64	74501	50.317	ug/l	97
7) Trichlorofluoromethane	1.89	101	180942	49.423	ug/l	97
8) Diethyl Ether	2.10	74	65176	49.202	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	102830	48.534	ug/l	99
10) Methyl Iodide	2.41	142	56703	32.356	ug/l	99
11) Tert butyl alcohol	2.83	59	181267	285.286	ug/l	100
12) 1,1-Dichloroethene	2.28	96	95908	47.956	ug/l	93
13) Acrolein	2.19	56	24423	104.958	ug/l	99
14) Allyl chloride	2.59	41	168887	46.992	ug/l	97
15) Acrylonitrile	2.94	53	339259	267.427	ug/l	99
16) Acetone	2.32	43	328900	232.453	ug/l	97
17) Carbon Disulfide	2.48	76	317551	49.062	ug/l	100
18) Methyl Acetate	2.62	43	204063	59.921	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	375901	51.868	ug/l	99
20) Methylene Chloride	2.70	84	119670	47.724	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	111283	48.136	ug/l	98
22) Diisopropyl ether	3.58	45	359024	50.694	ug/l	93
23) Vinyl Acetate	3.53	43	1466847	237.661	ug/l	99
24) 1,1-Dichloroethane	3.45	63	212248	49.925	ug/l	99
25) 2-Butanone	4.27	43	499881	259.532	ug/l	98
26) 2,2-Dichloropropane	4.23	77	178701	46.246	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	130954	50.242	ug/l	96
28) Bromochloromethane	4.55	49	92769	48.805	ug/l	97
29) Tetrahydrofuran	4.64	42	310034	268.674	ug/l	100
30) Chloroform	4.68	83	221312	49.318	ug/l	99
31) Cyclohexane	5.00	56	180617	48.808	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	201133	49.783	ug/l	98
36) 1,1-Dichloropropene	5.14	75	163504	50.002	ug/l	97
37) Ethyl Acetate	4.38	43	171870	50.690	ug/l	100
38) Carbon Tetrachloride	5.14	117	183822	49.632	ug/l	99

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39) Methylcyclohexane	6.42	83	177473	47.369	ug/l	97
40) Benzene	5.39	78	501312	52.448	ug/l	97
41) Methacrylonitrile	4.54	41	99527	52.850	ug/l	98
42) 1,2-Dichloroethane	5.41	62	179217	48.695	ug/l	98
43) Isopropyl Acetate	5.55	43	283336	50.570	ug/l	99
44) Trichloroethene	6.19	130	133030	49.977	ug/l	98
45) 1,2-Dichloropropane	6.44	63	123892	49.700	ug/l	100
46) Dibromomethane	6.56	93	89000	49.274	ug/l	97
47) Bromodichloromethane	6.76	83	172492	50.064	ug/l	97
48) Methyl methacrylate	6.63	41	147202	53.605	ug/l	96
49) 1,4-Dioxane	6.62	88	75939	1136.398	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	936259	266.911	ug/l	99
52) Toluene	7.64	92	305185	51.395	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	198180	51.228	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	203044	51.094	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	125253	50.757	ug/l	97
56) Ethyl methacrylate	8.02	69	191234	54.238	ug/l	95
57) 1,3-Dichloropropane	8.25	76	210165	50.642	ug/l	98
59) 2-Hexanone	8.36	43	744909	270.910	ug/l	98
60) Dibromochloromethane	8.48	129	150693	51.783	ug/l	98
61) 1,2-Dibromoethane	8.59	107	137384	50.059	ug/l	98
64) Tetrachloroethene	8.23	164	113325	48.043	ug/l	99
65) Chlorobenzene	9.12	112	350360	50.708	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	130869	52.359	ug/l	99
67) Ethyl Benzene	9.25	91	595262	52.011	ug/l	100
68) m/p-Xylenes	9.38	106	462445	105.246	ug/l	99
69) o-Xylene	9.78	106	227782	53.043	ug/l	100
70) Styrene	9.80	104	366979	52.906	ug/l	98
71) Bromoform	9.96	173	119063	54.936	ug/l #	100
73) Isopropylbenzene	10.17	105	602886	51.936	ug/l	100
74) N-amyl acetate	10.01	43	249919	52.737	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	206674	51.485	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	191148m	51.008	ug/l	
77) Bromobenzene	10.45	156	163778	51.151	ug/l	97
78) n-propylbenzene	10.59	91	698606	51.562	ug/l	99
79) 2-Chlorotoluene	10.66	91	411415	51.843	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	508307	51.560	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.52	75	48075m	32.169	ug/l	
82) 4-Chlorotoluene	10.78	91	486080	51.962	ug/l	99
83) tert-Butylbenzene	11.10	119	500752	51.123	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	531625	53.214	ug/l	99
85) sec-Butylbenzene	11.33	105	591695	49.477	ug/l	99
86) p-Isopropyltoluene	11.48	119	538190	50.258	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	303650	51.092	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	306484	49.471	ug/l	99
89) n-Butylbenzene	11.89	91	473303	47.896	ug/l	100
90) Hexachloroethane	12.15	117	89157	46.828	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	297126	51.004	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	53319	56.026	ug/l	98
93) 1,2,4-Trichlorobenzene	13.51	180	212499	54.047	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	83229	40.158	ug/l	100
95) Naphthalene	13.74	128	1207149	94.445	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	214268	54.631	ug/l	100

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

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