

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
 Data File : VU024732.D
 Acq On : 19 Jun 2018 08:46
 Operator : MD/SY
 Sample : J3535-03MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS036MW002-180613MSD

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:55:10 PM

Quant Time: Jun 19 09:55:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	150315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	245810	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	232068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	141040	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	121668	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.16%		
35) Dibromofluoromethane	4.89	113	100480	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.50%		
50) Toluene-d8	7.57	98	365046	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.12%		
62) 4-Bromofluorobenzene	10.31	95	142954	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.78%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	80517	42.79	ug/l	97
3) Chloromethane	1.33	50	97692	50.82	ug/l	99
4) Vinyl Chloride	1.40	62	100982	50.94	ug/l	98
5) Bromomethane	1.62	94	60857	63.51	ug/l	99
6) Chloroethane	1.70	64	64650	58.54	ug/l	99
7) Trichlorofluoromethane	1.89	101	158844	52.51	ug/l	98
8) Diethyl Ether	2.10	74	62238	60.86	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	86208	45.93	ug/l	97
10) Methyl Iodide	2.41	142	94682	58.59	ug/l	97
11) Tert butyl alcohol	2.82	59	143978	241.24	ug/l	98
12) 1,1-Dichloroethene	2.29	96	84186	49.19	ug/l	94
13) Acrolein	2.19	56	46194	147.39	ug/l	99
14) Allyl chloride	2.60	41	126216	39.72	ug/l	94
15) Acrylonitrile	2.93	53	329438	283.71	ug/l	98
16) Acetone	2.32	43	281205	213.28	ug/l	97
17) Carbon Disulfide	2.48	76	241956	44.15	ug/l	99
18) Methyl Acetate	2.62	43	125233	44.31	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	333069	51.77	ug/l	99
20) Methylene Chloride	2.71	84	103580	50.07	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	93957	49.84	ug/l	93
22) Diisopropyl ether	3.57	45	333101	52.88	ug/l	99
23) Vinyl Acetate	3.53	43	1071267	189.83	ug/l	99
24) 1,1-Dichloroethane	3.45	63	187106	51.63	ug/l	99
25) 2-Butanone	4.26	43	461450	260.55	ug/l	97
26) 2,2-Dichloropropane	4.23	77	41138	11.95	ug/l	83
27) cis-1,2-Dichloroethene	4.23	96	113095	52.18	ug/l	88
28) Bromochloromethane	4.55	49	88704	55.57	ug/l	88
29) Tetrahydrofuran	4.63	42	299074	272.69	ug/l	97
30) Chloroform	4.68	83	192682	52.53	ug/l	98
31) Cyclohexane	5.00	56	164092	51.03	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	169355	49.93	ug/l	97
36) 1,1-Dichloropropene	5.14	75	132943	46.03	ug/l	97
37) Ethyl Acetate	4.38	43	133925	42.54	ug/l	97
38) Carbon Tetrachloride	5.14	117	153622	48.36	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	154853	42.96	ug/l	96
40) Benzene	5.39	78	412659	50.14	ug/l	99
41) Methacrylonitrile	4.54	41	94092	55.43	ug/l	97
42) 1,2-Dichloroethane	5.41	62	156337	49.87	ug/l	98
43) Isopropyl Acetate	5.55	43	238656	43.86	ug/l	98
44) Trichloroethene	6.19	130	111469	47.59	ug/l	92
45) 1,2-Dichloropropane	6.44	63	112151	51.07	ug/l	96
46) Dibromomethane	6.56	93	79251	51.38	ug/l	96
47) Bromodichloromethane	6.76	83	151693	49.38	ug/l	98
48) Methyl methacrylate	6.63	41	133582	50.41	ug/l	98
49) 1,4-Dioxane	6.61	88	58453	1127.98	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	906109	265.03	ug/l	99
52) Toluene	7.64	92	261262	49.34	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	136208	39.49	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	142828	38.86	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	111724	51.91	ug/l	98
56) Ethyl methacrylate	8.02	69	183785	51.01	ug/l	99
57) 1,3-Dichloropropane	8.25	76	186936	51.48	ug/l	98
59) 2-Hexanone	8.36	43	719981	257.95	ug/l	100
60) Dibromochloromethane	8.48	129	130340	48.56	ug/l	98
61) 1,2-Dibromoethane	8.59	107	121397	50.67	ug/l	99
64) Tetrachloroethene	8.23	164	94277	42.74	ug/l	98
65) Chlorobenzene	9.12	112	302357	51.00	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	116443	51.70	ug/l	99
67) Ethyl Benzene	9.25	91	515529	49.60	ug/l	97
68) m/p-Xylenes	9.38	106	402703	100.90	ug/l	96
69) o-Xylene	9.78	106	203794	51.60	ug/l	95
70) Styrene	9.80	104	322086	49.62	ug/l	100
71) Bromoform	9.96	173	106434	49.72	ug/l #	100
73) Isopropylbenzene	10.17	105	536587	49.55	ug/l	99
74) N-amyl acetate	10.01	43	197103	38.27	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	194076	53.48	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	159667m	51.42	ug/l	
77) Bromobenzene	10.45	156	139463	50.87	ug/l	96
78) n-propylbenzene	10.59	91	604345	47.38	ug/l	97
79) 2-Chlorotoluene	10.66	91	365796	48.63	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	461407	49.16	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.50	75	203477	151.66	ug/l #	100
82) 4-Chlorotoluene	10.78	91	424854	48.53	ug/l	97
83) tert-Butylbenzene	11.10	119	467153	51.74	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	476700	49.84	ug/l	99
85) sec-Butylbenzene	11.33	105	546828	48.39	ug/l	97
86) p-Isopropyltoluene	11.48	119	486445	48.06	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	251184	49.60	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	253042	49.64	ug/l	99
89) n-Butylbenzene	11.89	91	383658	42.70	ug/l	97
90) Hexachloroethane	12.15	117	91610	46.40	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	261950	51.64	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	52428	52.36	ug/l	92
93) 1,2,4-Trichlorobenzene	13.51	180	164790	52.60	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	73940	41.93	ug/l	100
95) Naphthalene	13.74	128	600206	57.77	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	180207	57.73	ug/l	99

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

