

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061818\
 Data File : VU024684.D
 Acq On : 18 Jun 2018 12:11
 Operator : MD/SY
 Sample : J3463-06MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-10-8.0-061218MS

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:54:59 PM

Quant Time: Jun 18 17:58:52 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	168228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	280354	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	263973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	155914	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	131126	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
35) Dibromofluoromethane	4.89	113	116944	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	7.57	98	421527	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	10.31	95	160696	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	79854	37.92	ug/l	100
3) Chloromethane	1.33	50	97968	45.54	ug/l	100
4) Vinyl Chloride	1.40	62	105523	47.56	ug/l	99
5) Bromomethane	1.62	94	56990	53.14	ug/l	95
6) Chloroethane	1.69	64	69819	56.45	ug/l	98
7) Trichlorofluoromethane	1.89	101	162008	47.85	ug/l	99
8) Diethyl Ether	2.10	74	67132	58.59	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.29	101	85633	40.77	ug/l	97
10) Methyl Iodide	2.41	142	100554	55.87	ug/l	97
11) Tert butyl alcohol	2.83	59	223041	333.92	ug/l	99
12) 1,1-Dichloroethene	2.28	96	89298	46.62	ug/l	89
13) Acrolein	2.19	56	60119	171.40	ug/l	98
14) Allyl chloride	2.59	41	145309	40.86	ug/l	93
15) Acrylonitrile	2.94	53	377289	290.32	ug/l	98
16) Acetone	2.32	43	356314	241.47	ug/l	96
17) Carbon Disulfide	2.48	76	265071	43.22	ug/l	100
18) Methyl Acetate	2.62	43	175910	55.61	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	513119	71.26	ug/l	97
20) Methylene Chloride	2.70	84	111908	48.33	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	99477	47.15	ug/l	95
22) Diisopropyl ether	3.57	45	355930	50.48	ug/l	98
23) Vinyl Acetate	3.53	43	1561794	247.29	ug/l	98
24) 1,1-Dichloroethane	3.45	63	195414	48.18	ug/l	99
25) 2-Butanone	4.26	43	545453	275.19	ug/l	97
26) 2,2-Dichloropropane	4.23	77	86725	22.52	ug/l	94
27) cis-1,2-Dichloroethene	4.23	96	120884	49.84	ug/l	92
28) Bromochloromethane	4.55	49	95052	53.21	ug/l	86
29) Tetrahydrofuran	4.64	42	355742	289.82	ug/l	97
30) Chloroform	4.68	83	202909	49.43	ug/l	100
31) Cyclohexane	5.00	56	168359	46.61	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	178153	46.93	ug/l	96
36) 1,1-Dichloropropene	5.14	75	142450	43.24	ug/l	97
37) Ethyl Acetate	4.38	43	191831	53.43	ug/l	96
38) Carbon Tetrachloride	5.14	117	162661	44.90	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	159874	38.89	ug/l	95
40) Benzene	5.39	78	442074	47.09	ug/l	99
41) Methacrylonitrile	4.54	41	104269	53.86	ug/l	97
42) 1,2-Dichloroethane	5.41	62	160200	44.81	ug/l	98
43) Isopropyl Acetate	5.55	43	302761	48.78	ug/l	98
44) Trichloroethene	6.19	130	116412	43.57	ug/l	95
45) 1,2-Dichloropropane	6.44	63	121911	48.67	ug/l	98
46) Dibromomethane	6.56	93	84274	47.90	ug/l	93
47) Bromodichloromethane	6.76	83	163905	46.79	ug/l	99
48) Methyl methacrylate	6.63	41	147462	48.79	ug/l	98
49) 1,4-Dioxane	6.62	88	74830	1266.08	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	1068293	273.97	ug/l	98
52) Toluene	7.64	92	279467	46.27	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	162484	41.30	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	172318	41.10	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	118632	48.32	ug/l	99
56) Ethyl methacrylate	8.02	69	201737	49.10	ug/l	99
57) 1,3-Dichloropropane	8.25	76	201068	48.55	ug/l	100
59) 2-Hexanone	8.36	43	865547	271.89	ug/l	99
60) Dibromochloromethane	8.48	129	141645	46.27	ug/l	100
61) 1,2-Dibromoethane	8.59	107	133201	48.75	ug/l	98
64) Tetrachloroethene	8.23	164	104140	41.50	ug/l	97
65) Chlorobenzene	9.12	112	321309	47.65	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	124737	48.69	ug/l	98
67) Ethyl Benzene	9.25	91	545222	46.12	ug/l	98
68) m/p-Xylenes	9.38	106	426422	93.93	ug/l	96
69) o-Xylene	9.78	106	215917	48.06	ug/l	94
70) Styrene	9.80	104	350643	47.49	ug/l	99
71) Bromoform	9.96	173	119782	49.19	ug/l #	99
73) Isopropylbenzene	10.17	105	577191	48.22	ug/l	98
74) N-amyl acetate	10.01	43	285646	50.17	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	214425	53.45	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	187490m	54.62	ug/l	
77) Bromobenzene	10.45	156	143976	47.51	ug/l	96
78) n-propylbenzene	10.59	91	644187	45.68	ug/l	97
79) 2-Chlorotoluene	10.66	91	390009	46.90	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	493893	47.60	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	58439m	39.40	ug/l	
82) 4-Chlorotoluene	10.78	91	447099	46.19	ug/l	100
83) tert-Butylbenzene	11.10	119	496559	49.75	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	501993	47.48	ug/l	99
85) sec-Butylbenzene	11.33	105	597273	47.81	ug/l	97
86) p-Isopropyltoluene	11.48	119	514816	46.01	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	262340	46.86	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	264120	46.87	ug/l	99
89) n-Butylbenzene	11.89	91	436189	43.91	ug/l	97
90) Hexachloroethane	12.15	117	101703	46.60	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	273760	48.82	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	62026	56.04	ug/l	94
93) 1,2,4-Trichlorobenzene	13.51	180	180989	52.26	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	89702	46.02	ug/l	98
95) Naphthalene	13.74	128	636740	55.47	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	196415	56.92	ug/l	97

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

