

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062818\
 Data File : VU025011.D
 Acq On : 28 Jun 2018 11:24
 Operator : MD/SY
 Sample : VU0628MBS01
 Misc : 5.00µ/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 4:23:26 PM

Quant Time: Jun 29 05:31:45 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	182305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	273735	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	252170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	151929	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	138583	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
35) Dibromofluoromethane	4.89	113	110540	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
50) Toluene-d8	7.57	98	374881	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	
62) 4-Bromofluorobenzene	10.31	95	153807	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	38545	16.89	ug/l	99
3) Chloromethane	1.33	50	41716	17.89	ug/l	99
4) Vinyl Chloride	1.40	62	43314	18.02	ug/l	100
5) Bromomethane	1.62	94	28054	24.14	ug/l	96
6) Chloroethane	1.70	64	28814	20.83	ug/l	96
7) Trichlorofluoromethane	1.89	101	74073	20.19	ug/l	100
8) Diethyl Ether	2.10	74	26524	20.12	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.29	101	43819	19.25	ug/l	97
10) Methyl Iodide	2.41	142	43996	25.71	ug/l	100
11) Tert butyl alcohol	2.82	59	63756	88.08	ug/l	99
12) 1,1-Dichloroethene	2.28	96	40032	19.28	ug/l	96
13) Acrolein	2.19	56	12685	33.37	ug/l	93
14) Allyl chloride	2.60	41	69656	18.07	ug/l	98
15) Acrylonitrile	2.93	53	135029	95.88	ug/l	99
16) Acetone	2.32	43	162183	101.42	ug/l	96
17) Carbon Disulfide	2.48	76	113288	17.04	ug/l	99
18) Methyl Acetate	2.62	43	74820	21.83	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	156205	20.02	ug/l	97
20) Methylene Chloride	2.70	84	48769	19.44	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	43576	19.06	ug/l	98
22) Diisopropyl ether	3.57	45	150875	19.75	ug/l	94
23) Vinyl Acetate	3.53	43	642536	93.88	ug/l	99
24) 1,1-Dichloroethane	3.45	63	87979	20.02	ug/l	98
25) 2-Butanone	4.26	43	209408	97.49	ug/l	98
26) 2,2-Dichloropropane	4.23	77	84027	20.13	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	52609	20.02	ug/l	99
28) Bromochloromethane	4.55	49	39730	20.52	ug/l	86
29) Tetrahydrofuran	4.64	42	121948	91.68	ug/l	96
30) Chloroform	4.68	83	91152	20.49	ug/l	99
31) Cyclohexane	5.00	56	81677	19.73	ug/l	93
32) 1,1,1-Trichloroethane	4.92	97	84301	20.49	ug/l	96
36) 1,1-Dichloropropene	5.14	75	66050	20.53	ug/l	99
37) Ethyl Acetate	4.38	43	70614	20.14	ug/l	97
38) Carbon Tetrachloride	5.14	117	72706	20.55	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	83693	20.85	ug/l	97
40) Benzene	5.39	78	193143	21.07	ug/l	98
41) Methacrylonitrile	4.54	41	40754	21.56	ug/l	98
42) 1,2-Dichloroethane	5.41	62	77937	22.33	ug/l	99
43) Isopropyl Acetate	5.55	43	116945	19.30	ug/l	99
44) Trichloroethene	6.19	130	54260	20.80	ug/l	94
45) 1,2-Dichloropropane	6.44	63	50041	20.46	ug/l	96
46) Dibromomethane	6.56	93	35704	20.78	ug/l	92
47) Bromodichloromethane	6.76	83	68465	20.02	ug/l	99
48) Methyl methacrylate	6.63	41	59984	20.33	ug/l	98
49) 1,4-Dioxane	6.62	88	25487	441.65	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	376212	98.82	ug/l	99
52) Toluene	7.64	92	124211	21.06	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	74840	19.48	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	78275	19.12	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	50017	20.87	ug/l	97
56) Ethyl methacrylate	8.02	69	76915	19.17	ug/l	97
57) 1,3-Dichloropropane	8.25	76	85185	21.07	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	41504	27.00	ug/l	93
59) 2-Hexanone	8.36	43	301949	97.14	ug/l	99
60) Dibromochloromethane	8.48	129	56049	18.75	ug/l	99
61) 1,2-Dibromoethane	8.59	107	53932	20.22	ug/l	97
64) Tetrachloroethene	8.23	164	50276	20.97	ug/l	97
65) Chlorobenzene	9.12	112	139415	21.64	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	52617	21.50	ug/l	98
67) Ethyl Benzene	9.25	91	243463	21.56	ug/l	99
68) m/p-Xylenes	9.38	106	191409	44.14	ug/l	96
69) o-Xylene	9.78	106	93478	21.78	ug/l	98
70) Styrene	9.80	104	147644	20.93	ug/l	99
71) Bromoform	9.96	173	42614	18.32	ug/l #	98
73) Isopropylbenzene	10.17	105	253349	21.72	ug/l	100
74) N-amyl acetate	10.01	43	101768	18.34	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	79580	20.36	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	68732m	20.55	ug/l	
77) Bromobenzene	10.45	156	64174	21.73	ug/l	94
78) n-propylbenzene	10.59	91	286138	20.82	ug/l	97
79) 2-Chlorotoluene	10.66	91	173193	21.37	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	220088	21.77	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	26162m	18.10	ug/l	
82) 4-Chlorotoluene	10.78	91	199657	21.17	ug/l	99
83) tert-Butylbenzene	11.10	119	216753	22.29	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	218490	21.21	ug/l	100
85) sec-Butylbenzene	11.33	105	259313	21.30	ug/l	98
86) p-Isopropyltoluene	11.48	119	232072	21.29	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	115445	21.16	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	116299	21.18	ug/l	99
89) n-Butylbenzene	11.89	91	183641	18.97	ug/l	97
90) Hexachloroethane	12.15	117	39310	18.48	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	118820	21.74	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	20176	18.71	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	73626	21.82	ug/l	99
94) Hexachlorobutadiene	13.70	225	41281	21.73	ug/l	99
95) Naphthalene	13.75	128	231557	21.13	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	75104	22.34	ug/l	98

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

