

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025769.D
 Acq On : 01 Aug 2018 12:07
 Operator : MD/SY
 Sample : VU0801MBS02
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801MBS02

Manual Integrations
 APPROVED

MMDadoda
 8/2/2018 9:41:43 AM

Quant Time: Aug 02 04:12:24 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	174118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	262531	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	252382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	155403	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	138066	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
35) Dibromofluoromethane	4.89	113	113067	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
50) Toluene-d8	7.57	98	401907	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	10.31	95	153338	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	53480	20.322	ug/l	98
3) Chloromethane	1.33	50	48972	19.469	ug/l	99
4) Vinyl Chloride	1.40	62	44826	18.937	ug/l	96
5) Bromomethane	1.63	94	23456	20.288	ug/l	99
6) Chloroethane	1.70	64	26956	19.475	ug/l	97
7) Trichlorofluoromethane	1.89	101	66222	19.349	ug/l	100
8) Diethyl Ether	2.10	74	23368	18.871	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	39405	19.896	ug/l	99
10) Methyl Iodide	2.41	142	31139	22.554	ug/l	98
11) Tert butyl alcohol	2.83	59	57950	97.564	ug/l	99
12) 1,1-Dichloroethene	2.28	96	35413	18.942	ug/l	96
13) Acrolein	2.19	56	24824	114.300	ug/l	100
14) Allyl chloride	2.59	41	62296	18.542	ug/l	99
15) Acrylonitrile	2.94	53	118167	99.643	ug/l	100
16) Acetone	2.32	43	124416	94.064	ug/l	97
17) Carbon Disulfide	2.48	76	110066	18.191	ug/l	100
18) Methyl Acetate	2.62	43	74669	23.455	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	133482	19.703	ug/l	97
20) Methylene Chloride	2.70	84	43963	18.755	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	41510	19.207	ug/l	98
22) Diisopropyl ether	3.58	45	130526	19.715	ug/l	95
23) Vinyl Acetate	3.53	43	555162	96.221	ug/l	100
24) 1,1-Dichloroethane	3.45	63	78764	19.819	ug/l	99
25) 2-Butanone	4.27	43	177347	98.497	ug/l	99
26) 2,2-Dichloropropane	4.23	77	71177	19.704	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	46858	19.231	ug/l	99
28) Bromochloromethane	4.55	49	32610	18.352	ug/l	100
29) Tetrahydrofuran	4.64	42	107033	99.223	ug/l	98
30) Chloroform	4.68	83	81439	19.414	ug/l	98
31) Cyclohexane	5.00	56	67965	18.816	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	76090	20.147	ug/l	99
36) 1,1-Dichloropropene	5.14	75	59667	19.448	ug/l	100
37) Ethyl Acetate	4.38	43	62656	19.695	ug/l	99
38) Carbon Tetrachloride	5.14	117	65738	18.917	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	66130	18.812	ug/l	97
40) Benzene	5.39	78	171395	19.111	ug/l	98
41) Methacrylonitrile	4.55	41	35315	19.986	ug/l	98
42) 1,2-Dichloroethane	5.41	62	65723	19.032	ug/l	99
43) Isopropyl Acetate	5.55	43	101075	19.227	ug/l	99
44) Trichloroethene	6.19	130	48805	19.541	ug/l	95
45) 1,2-Dichloropropane	6.44	63	45208	19.329	ug/l	98
46) Dibromomethane	6.56	93	32621	19.248	ug/l	99
47) Bromodichloromethane	6.76	83	61800	19.117	ug/l	94
48) Methyl methacrylate	6.63	41	52107	20.223	ug/l	99
49) 1,4-Dioxane	6.62	88	24708	394.069	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	323881	98.407	ug/l	100
52) Toluene	7.64	92	108373	19.451	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	71477	19.692	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	72421	19.423	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	44243	19.108	ug/l	97
56) Ethyl methacrylate	8.02	69	64812	19.591	ug/l	98
57) 1,3-Dichloropropane	8.25	76	75764	19.457	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	137134	96.025	ug/l	100
59) 2-Hexanone	8.36	43	251576	97.512	ug/l	99
60) Dibromochloromethane	8.48	129	52046	19.061	ug/l	100
61) 1,2-Dibromoethane	8.59	107	49317	19.152	ug/l	99
64) Tetrachloroethene	8.23	164	40831	18.380	ug/l	97
65) Chlorobenzene	9.12	112	127054	19.526	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	45838	19.473	ug/l	96
67) Ethyl Benzene	9.25	91	207118	19.216	ug/l	100
68) m/p-Xylenes	9.38	106	164664	39.793	ug/l	97
69) o-Xylene	9.78	106	78239	19.346	ug/l	99
70) Styrene	9.80	104	125536	19.217	ug/l	99
71) Bromoform	9.96	173	39216	19.213	ug/l #	98
73) Isopropylbenzene	10.17	105	210990	19.892	ug/l	99
74) N-amyl acetate	10.01	43	87855	20.290	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	72031	19.638	ug/l	97
76) 1,2,3-Trichloropropane	10.50	75	65316m	19.076	ug/l	
77) Bromobenzene	10.45	156	57347	19.602	ug/l	98
78) n-propylbenzene	10.59	91	246249	19.891	ug/l	99
79) 2-Chlorotoluene	10.66	91	147345	20.321	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	183620	20.384	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	23543m	17.241	ug/l	
82) 4-Chlorotoluene	10.78	91	169497	19.830	ug/l	99
83) tert-Butylbenzene	11.10	119	179490	20.055	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	186933	20.479	ug/l	99
85) sec-Butylbenzene	11.33	105	219760	20.111	ug/l	100
86) p-Isopropyltoluene	11.48	119	194459	19.874	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	105986	19.517	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	105946	18.716	ug/l	97
89) n-Butylbenzene	11.89	91	174503	19.327	ug/l	99
90) Hexachloroethane	12.15	117	33518	19.267	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	106158	19.944	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	17639	20.285	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	71309	19.849	ug/l	99
94) Hexachlorobutadiene	13.70	225	33932	17.918	ug/l	97
95) Naphthalene	13.74	128	216913	19.578	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	72693	20.284	ug/l	99

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

