

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025756.D
 Acq On : 31 Jul 2018 22:01
 Operator : MD/SY
 Sample : VU0801MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801MBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/2/2018 9:41:02 AM

Quant Time: Aug 01 06:02:16 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	180583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	274278	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	261091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	162378	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	139470	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
35) Dibromofluoromethane	4.89	113	113940	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
50) Toluene-d8	7.57	98	404373	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
62) 4-Bromofluorobenzene	10.31	95	156560	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	59651	21.855	ug/l	99
3) Chloromethane	1.33	50	50944	19.528	ug/l	100
4) Vinyl Chloride	1.40	62	51026	20.785	ug/l	97
5) Bromomethane	1.63	94	25671	21.409	ug/l	95
6) Chloroethane	1.70	64	28026	19.523	ug/l	96
7) Trichlorofluoromethane	1.89	101	72601	20.454	ug/l	100
8) Diethyl Ether	2.10	74	25551	19.895	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.29	101	41493	20.200	ug/l	99
10) Methyl Iodide	2.41	142	30060	21.588	ug/l	98
11) Tert butyl alcohol	2.83	59	55295	89.762	ug/l	99
12) 1,1-Dichloroethene	2.28	96	39359	20.299	ug/l	93
13) Acrolein	2.19	56	27313	121.382	ug/l	94
14) Allyl chloride	2.59	41	66732	19.151	ug/l	96
15) Acrylonitrile	2.94	53	127345	103.538	ug/l	99
16) Acetone	2.32	43	114393	83.390	ug/l	95
17) Carbon Disulfide	2.48	76	121432	19.351	ug/l	100
18) Methyl Acetate	2.62	43	79694	24.137	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	148214	21.094	ug/l	98
20) Methylene Chloride	2.70	84	47253	19.437	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	46392	20.698	ug/l	95
22) Diisopropyl ether	3.57	45	143748	20.935	ug/l	96
23) Vinyl Acetate	3.53	43	603665	100.882	ug/l	100
24) 1,1-Dichloroethane	3.45	63	87351	21.193	ug/l	99
25) 2-Butanone	4.27	43	180698	96.766	ug/l	99
26) 2,2-Dichloropropane	4.23	77	64271	17.155	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	51065	20.208	ug/l	98
28) Bromochloromethane	4.55	49	40004	21.707	ug/l	99
29) Tetrahydrofuran	4.64	42	112968	100.975	ug/l	99
30) Chloroform	4.68	83	90199	20.732	ug/l	99
31) Cyclohexane	5.00	56	73961	19.811	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	83053	21.203	ug/l	99
36) 1,1-Dichloropropene	5.14	75	66338	20.696	ug/l	99
37) Ethyl Acetate	4.38	43	68370	20.571	ug/l	99
38) Carbon Tetrachloride	5.14	117	72549	19.983	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	72263	19.676	ug/l	97
40) Benzene	5.39	78	186230	19.876	ug/l	99
41) Methacrylonitrile	4.54	41	37996	20.582	ug/l	99
42) 1,2-Dichloroethane	5.41	62	72082	19.980	ug/l	99
43) Isopropyl Acetate	5.55	43	111577	20.315	ug/l	99
44) Trichloroethene	6.19	130	52606	20.161	ug/l	99
45) 1,2-Dichloropropane	6.44	63	48164	19.710	ug/l	95
46) Dibromomethane	6.56	93	35262	19.915	ug/l	98
47) Bromodichloromethane	6.76	83	68042	20.146	ug/l	97
48) Methyl methacrylate	6.63	41	57158	21.234	ug/l	98
49) 1,4-Dioxane	6.62	88	24400	372.489	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	344396	100.158	ug/l	100
52) Toluene	7.64	92	118297	20.323	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	75761	19.978	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	78265	20.091	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	49324	20.390	ug/l	98
56) Ethyl methacrylate	8.02	69	70733	20.465	ug/l	97
57) 1,3-Dichloropropane	8.25	76	82918	20.383	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	137287	92.310	ug/l	99
59) 2-Hexanone	8.36	43	265889	98.646	ug/l	99
60) Dibromochloromethane	8.48	129	57483	20.151	ug/l	99
61) 1,2-Dibromoethane	8.59	107	55509	20.633	ug/l	98
64) Tetrachloroethene	8.23	164	48119	20.938	ug/l	99
65) Chlorobenzene	9.12	112	136883	20.335	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	51542	21.166	ug/l	100
67) Ethyl Benzene	9.25	91	230153	20.641	ug/l	100
68) m/p-Xylenes	9.38	106	180793	42.233	ug/l	98
69) o-Xylene	9.78	106	85627	20.466	ug/l	98
70) Styrene	9.80	104	140353	20.769	ug/l	98
71) Bromoform	9.96	173	43540	20.620	ug/l #	98
73) Isopropylbenzene	10.17	105	235594	21.258	ug/l	100
74) N-amyl acetate	10.01	43	93864	20.746	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	78772	20.554	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	70948m	19.831	ug/l	
77) Bromobenzene	10.45	156	64314	21.039	ug/l	98
78) n-propylbenzene	10.59	91	272777	21.088	ug/l	99
79) 2-Chlorotoluene	10.66	91	161790	21.354	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	199776	21.225	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.52	75	19287m	13.518	ug/l	
82) 4-Chlorotoluene	10.78	91	191204	21.409	ug/l	99
83) tert-Butylbenzene	11.10	119	193060	20.645	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	205015	21.495	ug/l	98
85) sec-Butylbenzene	11.33	105	240052	21.025	ug/l	100
86) p-Isopropyltoluene	11.48	119	215145	21.044	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	118668	20.914	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	120512	20.375	ug/l	99
89) n-Butylbenzene	11.89	91	187626	19.888	ug/l	99
90) Hexachloroethane	12.15	117	35401	19.475	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	116888	21.017	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	18762	20.650	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	78934	21.028	ug/l	97
94) Hexachlorobutadiene	13.70	225	37096	18.748	ug/l	99
95) Naphthalene	13.74	128	242861	20.889	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	80422	21.477	ug/l	99

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

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