

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091218\
 Data File : VU026684.D
 Acq On : 11 Sep 2018 17:24
 Operator : MD/SY
 Sample : VU0912MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0912MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/13/2018 4:48:57 PM

Quant Time: Sep 12 05:45:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 05:32:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	107786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	167115	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	158816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	90890	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	86463	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
35) Dibromofluoromethane	4.88	113	70806	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
50) Toluene-d8	7.57	98	258878	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	10.31	95	90113	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	24079	20.68	ug/l	98
3) Chloromethane	1.33	50	31796	19.54	ug/l	98
4) Vinyl Chloride	1.40	62	34424	20.42	ug/l	99
5) Bromomethane	1.62	94	20420	19.34	ug/l	99
6) Chloroethane	1.69	64	21867	20.38	ug/l	97
7) Trichlorofluoromethane	1.88	101	45597	20.69	ug/l	97
8) Diethyl Ether	2.10	74	19663	20.36	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.29	101	28078	21.45	ug/l	99
10) Methyl Iodide	2.41	142	19062	22.28	ug/l	98
11) Tert butyl alcohol	2.83	59	39028	97.93	ug/l	100
12) 1,1-Dichloroethene	2.28	96	25897	20.93	ug/l	95
13) Acrolein	2.19	56	23669	88.13	ug/l	98
14) Allyl chloride	2.59	41	44503	19.97	ug/l	97
15) Acrylonitrile	2.94	53	90360	105.72	ug/l	99
16) Acetone	2.32	43	104596	112.99	ug/l	100
17) Carbon Disulfide	2.48	76	78150	19.85	ug/l	98
18) Methyl Acetate	2.62	43	43432	21.74	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	88735	20.83	ug/l	99
20) Methylene Chloride	2.70	84	30758	20.48	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	27497	21.09	ug/l	95
22) Diisopropyl ether	3.58	45	99712	21.44	ug/l	99
23) Vinyl Acetate	3.53	43	421274	106.62	ug/l	100
24) 1,1-Dichloroethane	3.45	63	55143	21.02	ug/l	99
25) 2-Butanone	4.26	43	134876	108.16	ug/l	100
26) 2,2-Dichloropropane	4.23	77	45227	20.97	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	31528	20.98	ug/l	99
28) Bromochloromethane	4.55	49	26373	21.02	ug/l	98
29) Tetrahydrofuran	4.64	42	80869	107.57	ug/l	100
30) Chloroform	4.67	83	54002	20.93	ug/l	96
31) Cyclohexane	5.00	56	49401	20.51	ug/l	93
32) 1,1,1-Trichloroethane	4.92	97	46287	21.67	ug/l	97
36) 1,1-Dichloropropene	5.14	75	38473	20.50	ug/l	99
37) Ethyl Acetate	4.38	43	46559	20.64	ug/l	99
38) Carbon Tetrachloride	5.13	117	40004	20.18	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	45544	20.44	ug/l	100
40) Benzene	5.39	78	120540	20.69	ug/l	99
41) Methacrylonitrile	4.54	41	25821	20.75	ug/l	99
42) 1,2-Dichloroethane	5.40	62	43135	20.76	ug/l	98
43) Isopropyl Acetate	5.55	43	72747	21.17	ug/l	98
44) Trichloroethene	6.19	130	29839	20.69	ug/l	97
45) 1,2-Dichloropropane	6.43	63	32808	20.71	ug/l	96
46) Dibromomethane	6.56	93	21344	20.88	ug/l	97
47) Bromodichloromethane	6.76	83	41295	20.52	ug/l	100
48) Methyl methacrylate	6.62	41	36250	20.41	ug/l	98
49) 1,4-Dioxane	6.61	88	17318	420.18	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	239780	104.34	ug/l	100
52) Toluene	7.64	92	73022	21.04	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	45872	20.55	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	49710	20.73	ug/l	100
55) 1,1,2-Trichloroethane	8.07	97	30471	20.49	ug/l	100
56) Ethyl methacrylate	8.02	69	45757	20.07	ug/l	99
57) 1,3-Dichloropropane	8.24	76	52399	20.67	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	130560	114.46	ug/l	99
59) 2-Hexanone	8.36	43	188001	103.95	ug/l	99
60) Dibromochloromethane	8.48	129	32938	20.45	ug/l	99
61) 1,2-Dibromoethane	8.59	107	32139	19.92	ug/l	100
64) Tetrachloroethene	8.23	164	26317	20.82	ug/l	99
65) Chlorobenzene	9.12	112	80751	20.47	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	30623	21.09	ug/l	97
67) Ethyl Benzene	9.25	91	134988	20.77	ug/l	100
68) m/p-Xylenes	9.38	106	104025	42.07	ug/l	99
69) o-Xylene	9.78	106	50873	20.02	ug/l	100
70) Styrene	9.79	104	82554	19.72	ug/l	99
71) Bromoform	9.96	173	26055	20.64	ug/l	# 100
73) Isopropylbenzene	10.17	105	134884	21.78	ug/l	100
74) N-amyl acetate	10.02	43	62979	21.54	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	51881	20.55	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	44515m	21.86	ug/l	
77) Bromobenzene	10.46	156	35867	21.31	ug/l	98
78) n-propylbenzene	10.59	91	157955	21.93	ug/l	100
79) 2-Chlorotoluene	10.66	91	96316	21.57	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	114047	21.91	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	17218m	30.39	ug/l	
82) 4-Chlorotoluene	10.77	91	108005	21.53	ug/l	100
83) tert-Butylbenzene	11.10	119	114653	21.70	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	115715	22.04	ug/l	100
85) sec-Butylbenzene	11.32	105	137506	21.92	ug/l	100
86) p-Isopropyltoluene	11.48	119	119886	20.51	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	64205	20.45	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	64621	19.81	ug/l	99
89) n-Butylbenzene	11.89	91	103374	20.00	ug/l	100
90) Hexachloroethane	12.15	117	22902	20.69	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	64094	20.29	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	11142	22.02	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	43231	20.61	ug/l	99
94) Hexachlorobutadiene	13.69	225	22565	20.91	ug/l	99
95) Naphthalene	13.75	128	138327	20.22	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	46359	21.16	ug/l	99

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

