

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062818\
 Data File : VU025039.D
 Acq On : 28 Jun 2018 23:34
 Operator : MD/SY
 Sample : VU0628MBS03
 Misc : 5.00uL/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628MBS03

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 4:23:43 PM

Quant Time: Jun 29 07:50:52 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	178002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	276189	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	253653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146590	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	145748	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.32%		
35) Dibromofluoromethane	4.89	113	117679	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.68%		
50) Toluene-d8	7.57	98	384495	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.98%		
62) 4-Bromofluorobenzene	10.31	95	156889	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.52%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	38792	17.41	ug/l	98
3) Chloromethane	1.33	50	43368	19.05	ug/l	96
4) Vinyl Chloride	1.40	62	45526	19.39	ug/l	97
5) Bromomethane	1.62	94	30372	26.76	ug/l	99
6) Chloroethane	1.70	64	29599	21.97	ug/l	100
7) Trichlorofluoromethane	1.89	101	73914	20.63	ug/l	100
8) Diethyl Ether	2.10	74	28480	22.32	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	43805	19.71	ug/l	97
10) Methyl Iodide	2.41	142	46196	27.25	ug/l	97
11) Tert butyl alcohol	2.82	59	69802	98.77	ug/l	100
12) 1,1-Dichloroethene	2.29	96	40086	19.78	ug/l	98
13) Acrolein	2.19	56	16706	45.01	ug/l	98
14) Allyl chloride	2.60	41	67188	17.85	ug/l	98
15) Acrylonitrile	2.93	53	143623	104.45	ug/l	99
16) Acetone	2.32	43	136344	87.32	ug/l	99
17) Carbon Disulfide	2.48	76	114159	17.59	ug/l	100
18) Methyl Acetate	2.62	43	82029	24.51	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	161981	21.26	ug/l	96
20) Methylene Chloride	2.70	84	49753	20.31	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	45239	20.27	ug/l	95
22) Diisopropyl ether	3.57	45	154454	20.70	ug/l	95
23) Vinyl Acetate	3.53	43	646193	96.70	ug/l	98
24) 1,1-Dichloroethane	3.45	63	89376	20.83	ug/l	98
25) 2-Butanone	4.26	43	210754	100.49	ug/l	96
26) 2,2-Dichloropropane	4.23	77	64754	15.89	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	54384	21.19	ug/l	96
28) Bromochloromethane	4.55	49	39541	20.92	ug/l	87
29) Tetrahydrofuran	4.64	42	132935	102.36	ug/l	96
30) Chloroform	4.68	83	92078	21.20	ug/l	97
31) Cyclohexane	5.00	56	81741	20.27	ug/l	93
32) 1,1,1-Trichloroethane	4.92	97	86116	21.44	ug/l	96
36) 1,1-Dichloropropene	5.14	75	65719	20.25	ug/l	98
37) Ethyl Acetate	4.38	43	75480	21.34	ug/l	96
38) Carbon Tetrachloride	5.14	117	73534	20.60	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	79133	19.54	ug/l	95
40) Benzene	5.39	78	194257	21.01	ug/l	99
41) Methacrylonitrile	4.55	41	41971	22.01	ug/l	96
42) 1,2-Dichloroethane	5.41	62	80417	22.83	ug/l	99
43) Isopropyl Acetate	5.55	43	122786	20.08	ug/l	99
44) Trichloroethene	6.19	130	54148	20.57	ug/l	98
45) 1,2-Dichloropropane	6.44	63	50329	20.40	ug/l	95
46) Dibromomethane	6.56	93	37892	21.86	ug/l	97
47) Bromodichloromethane	6.76	83	68883	19.96	ug/l	99
48) Methyl methacrylate	6.63	41	63934	21.47	ug/l	98
49) 1,4-Dioxane	6.62	88	27912	479.38	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	399549	104.01	ug/l	98
52) Toluene	7.64	92	125699	21.13	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	73494	18.96	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	77080	18.66	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	50348	20.82	ug/l	98
56) Ethyl methacrylate	8.02	69	81310	20.09	ug/l	99
57) 1,3-Dichloropropane	8.25	76	87039	21.33	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	33340	21.50	ug/l	93
59) 2-Hexanone	8.36	43	309250	98.61	ug/l	99
60) Dibromochloromethane	8.48	129	57628	19.11	ug/l	97
61) 1,2-Dibromoethane	8.59	107	56680	21.06	ug/l	100
64) Tetrachloroethene	8.23	164	52085	21.60	ug/l	97
65) Chlorobenzene	9.12	112	138901	21.44	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	53261	21.63	ug/l	99
67) Ethyl Benzene	9.25	91	241965	21.30	ug/l	96
68) m/p-Xylenes	9.38	106	188231	43.15	ug/l	96
69) o-Xylene	9.78	106	95902	22.21	ug/l	96
70) Styrene	9.80	104	146192	20.61	ug/l	97
71) Bromoform	9.96	173	43582	18.63	ug/l #	98
73) Isopropylbenzene	10.17	105	252646	22.45	ug/l	99
74) N-amyl acetate	10.01	43	104012	19.43	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	84551	22.42	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	72306m	22.40	ug/l	
77) Bromobenzene	10.45	156	62373	21.89	ug/l	95
78) n-propylbenzene	10.59	91	278026	20.97	ug/l	98
79) 2-Chlorotoluene	10.66	91	170266	21.78	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	215629	22.10	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	24430m	17.52	ug/l	
82) 4-Chlorotoluene	10.78	91	193823	21.30	ug/l	99
83) tert-Butylbenzene	11.10	119	212325	22.63	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	215924	21.72	ug/l	100
85) sec-Butylbenzene	11.33	105	252971	21.54	ug/l	97
86) p-Isopropyltoluene	11.48	119	220756	20.99	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	111993	21.28	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	111886	21.12	ug/l	98
89) n-Butylbenzene	11.89	91	167509	17.94	ug/l	97
90) Hexachloroethane	12.15	117	38503	18.76	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	119098	22.59	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	21348	20.51	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	69728	21.42	ug/l	99
94) Hexachlorobutadiene	13.70	225	37626	20.53	ug/l	99
95) Naphthalene	13.75	128	242955	22.91	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	75805	23.37	ug/l	99

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

