

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091418\
 Data File : VU026724.D
 Acq On : 13 Sep 2018 10:29
 Operator : MD/SY
 Sample : VU0914MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0914MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 11:34:57 AM

Quant Time: Sep 14 01:09:41 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	118025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	180171	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	171687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	97695	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	86901	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
35) Dibromofluoromethane	4.88	113	71821	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	7.57	98	262389	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
62) 4-Bromofluorobenzene	10.31	95	92824	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	23105	18.12	ug/l	97
3) Chloromethane	1.33	50	32171	18.06	ug/l	99
4) Vinyl Chloride	1.40	62	33138	17.95	ug/l	100
5) Bromomethane	1.62	94	18690	16.16	ug/l	99
6) Chloroethane	1.70	64	21021	17.89	ug/l	94
7) Trichlorofluoromethane	1.88	101	43614	18.07	ug/l	99
8) Diethyl Ether	2.10	74	19525	18.46	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	26833	18.72	ug/l	100
10) Methyl Iodide	2.41	142	15071	18.68	ug/l	99
11) Tert butyl alcohol	2.83	59	36632	83.94	ug/l	100
12) 1,1-Dichloroethene	2.28	96	25241	18.63	ug/l	98
13) Acrolein	2.19	56	18249	62.05	ug/l	94
14) Allyl chloride	2.59	41	44365	18.18	ug/l	95
15) Acrylonitrile	2.94	53	90333	96.52	ug/l	100
16) Acetone	2.32	43	83417	82.29	ug/l	99
17) Carbon Disulfide	2.48	76	72801	16.89	ug/l	99
18) Methyl Acetate	2.62	43	43525	19.90	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	90276	19.35	ug/l	95
20) Methylene Chloride	2.70	84	30142	18.33	ug/l	95
21) trans-1,2-Dichloroethene	2.98	96	26569	18.61	ug/l	97
22) Diisopropyl ether	3.58	45	100084	19.65	ug/l	97
23) Vinyl Acetate	3.53	43	414660	95.84	ug/l	99
24) 1,1-Dichloroethane	3.45	63	54869	19.10	ug/l	100
25) 2-Butanone	4.27	43	124246	90.99	ug/l	99
26) 2,2-Dichloropropane	4.23	77	43725	18.51	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	31072	18.89	ug/l	97
28) Bromochloromethane	4.55	49	23687	17.24	ug/l	97
29) Tetrahydrofuran	4.64	42	77604	94.27	ug/l	99
30) Chloroform	4.68	83	52876	18.71	ug/l	98
31) Cyclohexane	5.00	56	47852	18.12	ug/l	# 95
32) 1,1,1-Trichloroethane	4.92	97	44775	19.14	ug/l	99
36) 1,1-Dichloropropene	5.14	75	37425	18.50	ug/l	98
37) Ethyl Acetate	4.38	43	43709	17.97	ug/l	100
38) Carbon Tetrachloride	5.14	117	39605	18.53	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	44163	18.39	µg/l	99
40) Benzene	5.39	78	118125	18.80	µg/l	99
41) Methacrylonitrile	4.55	41	25001	18.71	µg/l	98
42) 1,2-Dichloroethane	5.41	62	41763	18.64	µg/l	98
43) Isopropyl Acetate	5.55	43	72279	19.51	µg/l	100
44) Trichloroethene	6.19	130	29969	19.28	µg/l	98
45) 1,2-Dichloropropane	6.44	63	32654	19.12	µg/l	98
46) Dibromomethane	6.56	93	21407	19.42	µg/l	98
47) Bromodichloromethane	6.76	83	40892	18.84	µg/l	100
48) Methyl methacrylate	6.63	41	34548	18.26	µg/l	98
49) 1,4-Dioxane	6.61	88	15328	350.30	µg/l	98
51) 4-Methyl-2-Pentanone	7.46	43	233110	94.09	µg/l	100
52) Toluene	7.64	92	71649	19.15	µg/l	100
53) t-1,3-Dichloropropene	7.88	75	45224	18.79	µg/l	99
54) cis-1,3-Dichloropropene	7.27	75	48254	18.67	µg/l	99
55) 1,1,2-Trichloroethane	8.07	97	30660	19.12	µg/l	97
56) Ethyl methacrylate	8.02	69	44829	18.50	µg/l	98
57) 1,3-Dichloropropane	8.24	76	52653	19.27	µg/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	107993	89.89	µg/l	98
59) 2-Hexanone	8.36	43	177859	91.22	µg/l	99
60) Dibromochloromethane	8.48	129	32424	18.67	µg/l	100
61) 1,2-Dibromoethane	8.59	107	32379	18.61	µg/l	98
64) Tetrachloroethene	8.23	164	26073	19.08	µg/l	96
65) Chlorobenzene	9.12	112	80497	18.87	µg/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	29317	18.68	µg/l	99
67) Ethyl Benzene	9.25	91	135042	19.22	µg/l	100
68) m/p-Xylenes	9.38	106	103134	38.59	µg/l	99
69) o-Xylene	9.78	106	49884	18.27	µg/l	98
70) Styrene	9.79	104	81132	18.10	µg/l	99
71) Bromoform	9.96	173	25189	18.45	µg/l	# 99
73) Isopropylbenzene	10.17	105	135626	20.37	µg/l	100
74) N-amyl acetate	10.02	43	62581	19.91	µg/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	51521	18.99	µg/l	99
76) 1,2,3-Trichloropropane	10.50	75	45853m	20.95	µg/l	
77) Bromobenzene	10.46	156	35686	19.72	µg/l	99
78) n-propylbenzene	10.59	91	157098	20.29	µg/l	100
79) 2-Chlorotoluene	10.66	91	95326	19.86	µg/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	114450	20.45	µg/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	12394m	20.82	µg/l	
82) 4-Chlorotoluene	10.77	91	107503	19.93	µg/l	99
83) tert-Butylbenzene	11.10	119	115023	20.25	µg/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	118809	21.05	µg/l	100
85) sec-Butylbenzene	11.33	105	139614	20.70	µg/l	100
86) p-Isopropyltoluene	11.48	119	120109	19.19	µg/l	98
87) 1,3-Dichlorobenzene	11.42	146	64064	18.98	µg/l	99
88) 1,4-Dichlorobenzene	11.51	146	64191	18.31	µg/l	97
89) n-Butylbenzene	11.89	91	106262	19.22	µg/l	99
90) Hexachloroethane	12.15	117	21973	18.46	µg/l	98
91) 1,2-Dichlorobenzene	11.88	146	64916	19.12	µg/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10981	20.19	µg/l	100

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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)
93) 1,2,4-Trichlorobenzene	13.50	180	44473	19.72	ug/l	99
94) Hexachlorobutadiene	13.69	225	22670	19.54	ug/l	98
95) Naphthalene	13.75	128	140542	19.17	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	46772	19.86	ug/l	99

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

