Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
Data File : VU043043.D
Acq On : 13 Apr 2021 12:00
Operator : SY/MD
Sample : VU0413MBS01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0413MBS01

Manual Integrations APPROVED
MMDadoda
4/14/2021 6:28:01 PM

Quant Time: Apr 13 14:29:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 12 13:17:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.382	168	109216	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.256	114	171634	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.423	117	159416	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	87049	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.710	65	85018	46.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.62%				
35) Dibromofluoromethane	5.298	113	59309	45.99	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.98%				
50) Toluene-d8	7.906	98	209940	46.00	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.00%				
62) 4-Bromofluorobenzene	10.639	95	80276	43.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.86%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.388	85	19999	17.75	ug/l		99
3) Chloromethane	1.523	50	23892	19.15	ug/l		98
4) Vinyl Chloride	1.607	62	22930	18.66	ug/l		96
5) Bromomethane	1.855	94	13386	19.99	ug/l		97
6) Chloroethane	1.932	64	16159	19.04	ug/l		100
7) Trichlorofluoromethane	2.141	101	37396	17.91	ug/l		98
8) Diethyl Ether	2.382	74	12669	18.95	ug/l		93
9) 1,1,2-Trichlorotrifluo...	2.588	101	19895	18.52	ug/l		98
10) Methyl Iodide	2.729	142	25612	18.09	ug/l		96
11) Tert butyl alcohol	3.211	59	42657	90.15	ug/l	#	92
12) 1,1-Dichloroethene	2.584	96	18676	18.27	ug/l		96
13) Acrolein	2.491	56	25621	93.66	ug/l		100
14) Allyl chloride	2.929	41	43527	17.54	ug/l		97
15) Acrylonitrile	3.324	53	93333	91.69	ug/l		99
16) Acetone	2.636	43	95880	88.54	ug/l		97
17) Carbon Disulfide	2.800	76	54322	17.27	ug/l		99
18) Methyl Acetate	2.957	43	43064	18.76	ug/l		96
19) Methyl tert-butyl Ether	3.369	73	77728	19.24	ug/l		100
20) Methylene Chloride	3.054	84	23605	18.10	ug/l		97
21) trans-1,2-Dichloroethene	3.359	96	21673	18.15	ug/l		99
22) Diisopropyl ether	3.999	45	86971	18.32	ug/l		86
23) Vinyl Acetate	3.964	43	426543	92.87	ug/l		99
24) 1,1-Dichloroethane	3.877	63	44199	18.42	ug/l		97
25) 2-Butanone	4.713	43	151678	90.94	ug/l		99
26) 2,2-Dichloropropane	4.674	77	37307	17.72	ug/l		100
27) cis-1,2-Dichloroethene	4.674	96	24314	17.89	ug/l		94
28) Bromochloromethane	4.983	49	23219	18.97	ug/l		94
29) Tetrahydrofuran	5.063	42	95049	90.50	ug/l		98
30) Chloroform	5.099	83	46919	18.46	ug/l		92
31) Cyclohexane	5.395	56	40699	17.97	ug/l		96
32) 1,1,1-Trichloroethane	5.324	97	40056	17.83	ug/l		98
36) 1,1-Dichloropropene	5.536	75	31550	17.33	ug/l		100
37) Ethyl Acetate	4.813	43	56097	18.02	ug/l		97
38) Carbon Tetrachloride	5.533	117	33696	17.26	ug/l		91
39) Methylcyclohexane	6.771	83	35125	17.55	ug/l		98
40) Benzene	5.784	78	93151	17.90	ug/l		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.980	41	29118	17.79	ug/l		98
42) 1,2-Dichloroethane	5.803	62	42879	18.58	ug/l		99
43) Isopropyl Acetate	5.922	43	79921	18.00	ug/l		97
44) Trichloroethene	6.549	130	23725	17.98	ug/l		96
45) 1,2-Dichloropropane	6.800	63	26102	18.01	ug/l		99
46) Dibromomethane	6.928	93	19145	18.68	ug/l		98
47) Bromodichloromethane	7.112	83	36211	17.89	ug/l		98
48) Methyl methacrylate	6.967	41	39152	17.56	ug/l		96
49) 1,4-Dioxane	6.993	88	16040	359.13	ug/l	#	93
51) 4-Methyl-2-Pentanone	7.800	43	284949	86.74	ug/l		99
52) Toluene	7.977	92	56107	17.40	ug/l		94
53) t-1,3-Dichloropropene	8.218	75	39181	17.44	ug/l		99
54) cis-1,3-Dichloropropene	7.616	75	40314	17.67	ug/l		95
55) 1,1,2-Trichloroethane	8.407	97	24979	18.05	ug/l		98
56) Ethyl methacrylate	8.340	69	38899	17.16	ug/l		93
57) 1,3-Dichloropropane	8.584	76	42533	17.79	ug/l		100
58) 2-Chloroethyl Vinyl ether	7.472	63	71833	81.32	ug/l		97
59) 2-Hexanone	8.694	43	228747	84.56	ug/l		99
60) Dibromochloromethane	8.819	129	27980	17.48	ug/l		98
61) 1,2-Dibromoethane	8.931	107	27356	17.53	ug/l		100
64) Tetrachloroethene	8.559	164	21207	18.33	ug/l		96
65) Chlorobenzene	9.452	112	61804	18.08	ug/l		97
66) 1,1,1,2-Tetrachloroethane	9.542	131	23702	18.14	ug/l		99
67) Ethyl Benzene	9.578	91	113043	18.32	ug/l		100
68) m/p-Xylenes	9.700	106	82271	36.04	ug/l		96
69) o-Xylene	10.108	106	40145	18.02	ug/l		97
70) Styrene	10.121	104	67876	18.09	ug/l		99
71) Bromoform	10.298	173	22985	17.07	ug/l	#	99
73) Isopropylbenzene	10.491	105	109934	18.82	ug/l		100
74) N-amyl acetate	10.327	43	67935	18.10	ug/l		98
75) 1,1,2,2-Tetrachloroethane	10.790	83	46154	18.14	ug/l		100
76) 1,2,3-Trichloropropane	10.832	75	43409m	17.07	ug/l		
77) Bromobenzene	10.790	156	30321	18.63	ug/l		97
78) n-propylbenzene	10.912	91	129013	18.44	ug/l		100
79) 2-Chlorotoluene	10.993	91	78017	18.35	ug/l		99
80) 1,3,5-Trimethylbenzene	11.095	105	96062	18.63	ug/l		100
81) trans-1,4-Dichloro-2-b...	10.552	75	14867	17.17	ug/l		94
82) 4-Chlorotoluene	11.105	91	93320	18.27	ug/l		100
83) tert-Butylbenzene	11.427	119	92307	18.21	ug/l		99
84) 1,2,4-Trimethylbenzene	11.475	105	97230	18.35	ug/l		99
85) sec-Butylbenzene	11.652	105	109696	18.46	ug/l		100
86) p-Isopropyltoluene	11.800	119	98836	18.07	ug/l		99
87) 1,3-Dichlorobenzene	11.755	146	52635	17.84	ug/l		99
88) 1,4-Dichlorobenzene	11.845	146	54271	17.63	ug/l		99
89) n-Butylbenzene	12.218	91	92413	18.04	ug/l		97
90) Hexachloroethane	12.484	117	17753	17.31	ug/l		99
91) 1,2-Dichlorobenzene	12.221	146	53076	17.60	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	12949	17.98	ug/l		94
93) 1,2,4-Trichlorobenzene	13.848	180	35072	18.57	ug/l		98
94) Hexachlorobutadiene	14.028	225	19462	19.17	ug/l		97
95) Naphthalene	14.095	128	107272	18.84	ug/l		100
96) 1,2,3-Trichlorobenzene	14.340	180	34657	18.87	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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