Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041221\
Data File : VU043021.D
Acq On : 12 Apr 2021 13:40
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU041221

Manual Integrations APPROVED
MMDadoda
4/13/2021 5:47:16 PM

Quant Time: Apr 13 05:12:04 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	125767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	193290	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	189884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	110061	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	99992	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.58%			
35) Dibromofluoromethane	5.298	113	68755	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.68%			
50) Toluene-d8	7.906	98	251587	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.90%			
62) 4-Bromofluorobenzene	10.642	95	100979	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	61605	47.48	ug/l	99
3) Chloromethane	1.523	50	70733	51.18	ug/l	97
4) Vinyl Chloride	1.607	62	67766	47.89	ug/l	99
5) Bromomethane	1.851	94	36901	47.86	ug/l	96
6) Chloroethane	1.928	64	47951	49.12	ug/l	95
7) Trichlorofluoromethane	2.137	101	118711	49.37	ug/l	98
8) Diethyl Ether	2.382	74	37461	48.66	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.584	101	61387	49.62	ug/l	97
10) Methyl Iodide	2.726	142	84287	51.70	ug/l	99
11) Tert butyl alcohol	3.259	59	122666m	225.11	ug/l	
12) 1,1-Dichloroethene	2.584	96	58701	49.86	ug/l	98
13) Acrolein	2.491	56	80867	238.57	ug/l	99
14) Allyl chloride	2.928	41	136791	47.88	ug/l	97
15) Acrylonitrile	3.321	53	275327	234.90	ug/l	99
16) Acetone	2.632	43	274994	220.97	ug/l	99
17) Carbon Disulfide	2.796	76	172992	47.77	ug/l	100
18) Methyl Acetate	2.954	43	126372	47.82	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	231882	49.85	ug/l	98
20) Methylene Chloride	3.054	84	69388	46.21	ug/l	97
21) trans-1,2-Dichloroethene	3.359	96	66897	48.64	ug/l	96
22) Diisopropyl ether	4.002	45	272698	49.90	ug/l	94
23) Vinyl Acetate	3.964	43	1337961	252.96	ug/l	100
24) 1,1-Dichloroethane	3.877	63	133150	48.18	ug/l	99
25) 2-Butanone	4.710	43	449836	234.21	ug/l	100
26) 2,2-Dichloropropane	4.674	77	121971	50.31	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	77350	49.43	ug/l	98
28) Bromochloromethane	4.983	49	68776	48.80	ug/l	95
29) Tetrahydrofuran	5.057	42	290739	240.41	ug/l	98
30) Chloroform	5.099	83	144309	49.31	ug/l	96
31) Cyclohexane	5.394	56	127931	49.05	ug/l	98
32) 1,1,1-Trichloroethane	5.324	97	128531	49.68	ug/l	98
36) 1,1-Dichloropropene	5.536	75	103778	50.61	ug/l	99
37) Ethyl Acetate	4.809	43	164698	46.97	ug/l	99
38) Carbon Tetrachloride	5.533	117	111414	50.68	ug/l	98
39) Methylcyclohexane	6.771	83	116967	51.88	ug/l	96
40) Benzene	5.784	78	294339	50.23	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.980	41	89571	48.59	ug/l		98
42) 1,2-Dichloroethane	5.803	62	129462	49.81	ug/l		100
43) Isopropyl Acetate	5.919	43	249913	49.98	ug/l		97
44) Trichloroethene	6.549	130	74690	50.26	ug/l		96
45) 1,2-Dichloropropane	6.800	63	80688	49.43	ug/l		97
46) Dibromomethane	6.925	93	57082	49.44	ug/l		96
47) Bromodichloromethane	7.115	83	115603	50.73	ug/l		99
48) Methyl methacrylate	6.970	41	124774	49.70	ug/l		97
49) 1,4-Dioxane	6.992	88	48834	970.88	ug/l	#	99
51) 4-Methyl-2-Pentanone	7.803	43	896876	242.43	ug/l		99
52) Toluene	7.976	92	190990	52.58	ug/l		100
53) t-1,3-Dichloropropene	8.217	75	132037	52.18	ug/l		97
54) cis-1,3-Dichloropropene	7.616	75	131179	51.05	ug/l		97
55) 1,1,2-Trichloroethane	8.407	97	77629	49.82	ug/l		99
56) Ethyl methacrylate	8.343	69	133367	52.25	ug/l		98
57) 1,3-Dichloropropane	8.584	76	136176	50.59	ug/l		100
58) 2-Chloroethyl Vinyl ether	7.472	63	243131	229.79	ug/l		100
59) 2-Hexanone	8.697	43	742166	243.63	ug/l		100
60) Dibromochloromethane	8.819	129	92072	51.09	ug/l		99
61) 1,2-Dibromoethane	8.931	107	90406	51.44	ug/l		97
64) Tetrachloroethene	8.562	164	66693	48.41	ug/l		99
65) Chlorobenzene	9.455	112	202051	49.62	ug/l		99
66) 1,1,1,2-Tetrachloroethane	9.542	131	80189	51.51	ug/l		99
67) Ethyl Benzene	9.578	91	380220	51.74	ug/l		99
68) m/p-Xylenes	9.703	106	281215	103.42	ug/l		99
69) o-Xylene	10.108	106	135223	50.95	ug/l		98
70) Styrene	10.121	104	234038	52.37	ug/l		98
71) Bromoform	10.301	173	78926	49.21	ug/l	#	97
73) Isopropylbenzene	10.491	105	378454	51.23	ug/l		99
74) N-amyl acetate	10.330	43	237723	50.09	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.793	83	156482	48.65	ug/l		99
76) 1,2,3-Trichloropropane	10.835	75	151533m	47.12	ug/l		
77) Bromobenzene	10.790	156	98344	47.79	ug/l		99
78) n-propylbenzene	10.915	91	461183	52.14	ug/l		99
79) 2-Chlorotoluene	10.996	91	271493	50.52	ug/l		98
80) 1,3,5-Trimethylbenzene	11.095	105	341595	52.38	ug/l		98
81) trans-1,4-Dichloro-2-b...	10.555	75	53778	49.13	ug/l		97
82) 4-Chlorotoluene	11.105	91	325533	50.42	ug/l		99
83) tert-Butylbenzene	11.430	119	330465	51.55	ug/l		98
84) 1,2,4-Trimethylbenzene	11.475	105	346306	51.69	ug/l		99
85) sec-Butylbenzene	11.651	105	390446	51.97	ug/l		98
86) p-Isopropyltoluene	11.803	119	362920	52.47	ug/l		99
87) 1,3-Dichlorobenzene	11.754	146	182066	48.80	ug/l		99
88) 1,4-Dichlorobenzene	11.844	146	188316	48.39	ug/l		99
89) n-Butylbenzene	12.217	91	349427	53.94	ug/l		98
90) Hexachloroethane	12.484	117	65453	50.48	ug/l		98
91) 1,2-Dichlorobenzene	12.221	146	187542	49.20	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	46201	50.74	ug/l		92
93) 1,2,4-Trichlorobenzene	13.851	180	127818	50.69	ug/l		99
94) Hexachlorobutadiene	14.031	225	67563	53.61	ug/l		99
95) Naphthalene	14.095	128	382682	48.17	ug/l		100
96) 1,2,3-Trichlorobenzene	14.339	180	123287	50.44	ug/l		99

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

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