Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070720\
Data File : BM026667.D
Acq On : 06 Jul 2020 16:31
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC060

Quant Time: Jul 06 18:36:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 06 18:20:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	94075	20.00	ng		0.00
21) Naphthalene-d8	10.09	136	407012	20.00	ng		0.00
39) Acenaphthene-d10	14.00	164	265469	20.00	ng		0.00
64) Phenanthrene-d10	16.76	188	590262	20.00	ng		0.00
76) Chrysene-d12	20.97	240	659943	20.00	ng		0.00
86) Perylene-d12	23.04	264	573409	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.97	112	672370	118.06	ng		0.00
7) Phenol-d6	6.55	99	1080676	122.03	ng		0.00
23) Nitrobenzene-d5	8.49	82	1149408	119.71	ng		0.00
42) 2,4,6-Tribromophenol	15.51	330	471411	122.91	ng		0.00
45) 2-Fluorobiphenyl	12.60	172	2426036	121.09	ng		0.00
79) Terphenyl-d14	19.42	244	4245352	122.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	152202	56.010	ng		98
3) Pyridine	3.33	79	465191m	59.155	ng		
4) n-Nitrosodimethylamine	3.26	42	268989	60.190	ng		98
6) Aniline	6.69	93	649015	59.492	ng		99
8) 2-Chlorophenol	6.91	128	394809	59.575	ng		97
9) Benzaldehyde	6.49	77	240932	49.792	ng		97
10) Phenol	6.57	94	533585	60.841	ng		100
11) bis(2-Chloroethyl)ether	6.79	93	425403	58.467	ng		98
12) 1,3-Dichlorobenzene	7.22	146	420498	57.811	ng		99
13) 1,4-Dichlorobenzene	7.37	146	432134	58.336	ng		99
14) 1,2-Dichlorobenzene	7.67	146	429638	58.540	ng		98
15) Benzyl Alcohol	7.59	79	458582	60.718	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.87	45	852182	57.050	ng		99
17) 2-Methylphenol	7.80	107	393653	59.910	ng		98
18) Hexachloroethane	8.39	117	172788	59.014	ng		98
19) n-Nitroso-di-n-propylamine	8.16	70	433710	59.570	ng		98
20) 3+4-Methylphenols	8.13	107	557375	61.109	ng		93
22) Acetophenone	8.16	105	699810	60.308	ng	#	97
24) Nitrobenzene	8.53	77	590191	59.091	ng		98
25) Isophorone	9.06	82	1097316	60.157	ng		100
26) 2-Nitrophenol	9.23	139	237533	62.891	ng		99
27) 2,4-Dimethylphenol	9.31	122	362704	60.354	ng		99
28) bis(2-Chloroethoxy)methane	9.54	93	595360	59.207	ng		99
29) 2,4-Dichlorophenol	9.76	162	410395	61.888	ng		97
30) 1,2,4-Trichlorobenzene	9.96	180	440174	59.270	ng		99
31) Naphthalene	10.14	128	1338811	59.051	ng		100
32) Benzoic acid	9.53	122	315990	68.026	ng		97
33) 4-Chloroaniline	10.27	127	602821	61.130	ng		99
34) Hexachlorobutadiene	10.43	225	287915	58.445	ng		99
35) Caprolactam	11.09	113	143622m	61.717	ng		
36) 4-Chloro-3-methylphenol	11.42	107	500938	60.511	ng		97
37) 2-Methylnaphthalene	11.77	142	988240	59.295	ng		98
38) 1-Methylnaphthalene	11.99	142	940529	59.097	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	515226	59.356	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.13	237	281721	66.834 ng	98
43) 2,4,6-Trichlorophenol	12.41	196	353846	62.233 ng	99
44) 2,4,5-Trichlorophenol	12.49	196	404348	61.017 ng	100
46) 1,1'-Biphenyl	12.82	154	1265329	59.810 ng	99
47) 2-Chloronaphthalene	12.85	162	1022826	60.187 ng	99
48) 2-Nitroaniline	13.08	65	437639	63.077 ng	99
49) Acenaphthylene	13.71	152	1643148	60.544 ng	99
50) Dimethylphthalate	13.49	163	1321984	58.845 ng	99
51) 2,6-Dinitrotoluene	13.60	165	295795	60.986 ng	97
52) Acenaphthene	14.06	154	985538	59.866 ng	100
53) 3-Nitroaniline	13.93	138	319852	63.124 ng	94
54) 2,4-Dinitrophenol	14.14	184	191687	65.789 ng	99
55) Dibenzofuran	14.40	168	1606070	59.864 ng	100
56) 4-Nitrophenol	14.27	139	248051	63.075 ng	94
57) 2,4-Dinitrotoluene	14.40	165	433859	62.934 ng	96
58) Fluorene	15.06	166	1336592	60.348 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.64	232	348326	60.501 ng	100
60) Diethylphthalate	14.86	149	1415479	59.842 ng	99
61) 4-Chlorophenyl-phenylether	15.06	204	720320	59.934 ng	99
62) 4-Nitroaniline	15.11	138	339250m	66.272 ng	
63) Azobenzene	15.36	77	1551326	59.826 ng	99
65) 4,6-Dinitro-2-methylphenol	15.17	198	259982	63.036 ng	96
66) n-Nitrosodiphenylamine	15.29	169	1146424	60.289 ng	99
67) 4-Bromophenyl-phenylether	15.96	248	439399	59.688 ng	97
68) Hexachlorobenzene	16.07	284	454418	58.953 ng	97
69) Atrazine	16.26	200	321259	56.848 ng	99
70) Pentachlorophenol	16.42	266	273292	61.325 ng	99
71) Phenanthrene	16.80	178	2086956	59.809 ng	100
72) Anthracene	16.89	178	2090675	60.156 ng	100
73) Carbazole	17.17	167	1998905	60.908 ng	100
74) Di-n-butylphthalate	17.76	149	2533795	61.730 ng	99
75) Fluoranthene	18.83	202	2542183	60.270 ng	99
77) Benzidine	19.03	184	680346	55.799 ng	99
78) Pyrene	19.19	202	2634637	61.083 ng	100
80) Butylbenzylphthalate	20.13	149	1208240	63.484 ng	100
81) Benzo(a)anthracene	20.96	228	2629586	59.118 ng	100
82) 3,3'-Dichlorobenzidine	20.90	252	818084	58.943 ng	99
83) Chrysene	21.01	228	2531125	58.908 ng	99
84) Bis(2-ethylhexyl)phthalate	20.92	149	1849636	62.650 ng	99
85) Di-n-octyl phthalate	21.77	149	3065076	62.473 ng	98
87) Indeno(1,2,3-cd)pyrene	25.07	276	2086289	54.787 ng	100
88) Benzo(b)fluoranthene	22.44	252	2366641	60.676 ng	100
89) Benzo(k)fluoranthene	22.49	252	2369072	61.993 ng	100
90) Benzo(a)pyrene	22.96	252	2126211	60.482 ng	99
91) Dibenzo(a,h)anthracene	25.07	278	1768354	54.957 ng	99
92) Benzo(g,h,i)perylene	25.67	276	1595158	53.833 ng	99

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

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