Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
Data File : BM020549.D
Acq On : 24 May 2019 15:12
Operator : JU/SJ
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
mohammad
5/27/2019 3:59:56 AM

Quant Time: May 24 16:07:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 15:10:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	51737	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	211416	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	158102	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	443035	20.00	ng		0.00
76) Chrysene-d12	21.27	240	568444	20.00	ng		0.00
87) Perylene-d12	23.51	264	622320	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	571371	180.52	ng		0.00
7) Phenol-d6	6.85	99	871748	201.61	ng		0.00
23) Nitrobenzene-d5	8.84	82	1068548	199.54	ng		0.00
42) 2,4,6-Tribromophenol	15.83	330	683249	278.42	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	2593313	201.81	ng		0.00
79) Terphenyl-d14	19.72	244	6463854	198.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	137868	88.813	ng		97
3) Pyridine	3.57	79	410893	103.496	ng		98
4) n-Nitrosodimethylamine	3.49	42	107566	84.491	ng	#	95
6) Aniline	7.01	93	613414	112.695	ng		99
8) 2-Chlorophenol	7.23	128	337521	97.936	ng		99
10) Phenol	6.87	94	467916	100.520	ng		100
11) bis(2-Chloroethyl)ether	7.10	93	344250	101.750	ng		99
12) 1,3-Dichlorobenzene	7.55	146	419770	104.686	ng		99
13) 1,4-Dichlorobenzene	7.70	146	420865	103.900	ng		98
14) 1,2-Dichlorobenzene	8.01	146	418051	108.327	ng		98
15) Benzyl Alcohol	7.92	79	409475	98.207	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.19	45	221432	78.930	ng		97
17) 2-Methylphenol	8.12	107	304839	101.730	ng		98
18) Hexachloroethane	8.72	117	167143	98.961	ng		96
19) n-Nitroso-di-n-propylamine	8.48	70	365258	98.734	ng		97
20) 3+4-Methylphenols	8.45	107	413600	103.853	ng		99
22) Acetophenone	8.50	105	612621	106.026	ng	#	99
24) Nitrobenzene	8.88	77	523461	94.279	ng		99
25) Isophorone	9.40	82	962776	104.257	ng		99
26) 2-Nitrophenol	9.58	139	201134	119.992	ng		96
27) 2,4-Dimethylphenol	9.65	122	292336	104.755	ng		98
28) bis(2-Chloroethoxy)methane	9.88	93	514807	102.357	ng		99
29) 2,4-Dichlorophenol	10.12	162	398475	113.238	ng		99
30) 1,2,4-Trichlorobenzene	10.32	180	514071	118.726	ng		98
31) Naphthalene	10.50	128	1119340	102.025	ng		100
32) Benzoic acid	9.87	122	217497m	117.635	ng		
33) 4-Chloroaniline	10.64	127	485973	107.621	ng		99
34) Hexachlorobutadiene	10.76	225	374113	122.140	ng		99
35) Caprolactam	11.49	113	132890m	126.296	ng		
36) 4-Chloro-3-methylphenol	11.77	107	430998	104.225	ng		96
37) 2-Methylnaphthalene	12.12	142	873369	109.194	ng		99
38) 1-Methylnaphthalene	12.35	142	839697	107.360	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	676359	109.345	ng		99
41) Hexachlorocyclopentadiene	12.45	237	334723	91.904	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.75	196	436134	124.063 ng	96
44) 2,4,5-Trichlorophenol	12.83	196	428425	109.091 ng	98
46) 1,1'-Biphenyl	13.15	154	1257071	96.599 ng	98
47) 2-Chloronaphthalene	13.20	162	1060617	102.080 ng	98
48) 2-Nitroaniline	13.43	65	349400	94.457 ng	98
49) Acenaphthylene	14.04	152	1632567	98.180 ng	100
50) Dimethylphthalate	13.80	163	1450796	107.967 ng	100
51) 2,6-Dinitrotoluene	13.93	165	311962	110.226 ng	98
52) Acenaphthene	14.39	154	980022	102.776 ng	100
53) 3-Nitroaniline	14.27	138	281286	107.084 ng	98
54) 2,4-Dinitrophenol	14.48	184	202093	168.831 ng	95
55) Dibenzofuran	14.73	168	1721644	107.039 ng	99
56) 4-Nitrophenol	14.59	139	202120	90.185 ng	95
57) 2,4-Dinitrotoluene	14.72	165	471318	122.556 ng	98
58) Fluorene	15.37	166	1451185	109.858 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	474333	127.098 ng	99
60) Diethylphthalate	15.16	149	1441951	106.511 ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	917423	122.575 ng	100
62) 4-Nitroaniline	15.44	138	287683	99.239 ng	95
63) Azobenzene	15.67	77	1400738	87.704 ng	98
65) 4,6-Dinitro-2-methylphenol	15.49	198	308481	148.380 ng	99
66) n-Nitrosodiphenylamine	15.60	169	1243710	95.402 ng	99
67) 4-Bromophenyl-phenylether	16.27	248	614005	113.019 ng	99
68) Hexachlorobenzene	16.37	284	738253	118.088 ng	97
69) Atrazine	16.56	200	458155	89.929 ng	100
70) Pentachlorophenol	16.73	266	407033	113.792 ng	100
71) Phenanthrene	17.12	178	2504562	102.411 ng	99
72) Anthracene	17.21	178	2479850	101.419 ng	100
73) Carbazole	17.50	167	2145468	97.243 ng	99
74) Di-n-butylphthalate	18.04	149	2608601	98.246 ng	100
75) Fluoranthene	19.14	202	3533445	114.192 ng	100
77) Benzidine	19.34	184	932165	51.292 ng	100
78) Pyrene	19.51	202	3626266	95.016 ng	99
80) Butylbenzylphthalate	20.40	149	1327371	95.641 ng	99
81) Benzo(a)anthracene	21.26	228	4065482	101.981 ng	99
82) 3,3'-Dichlorobenzidine	21.20	252	1443294	94.859 ng	99
83) Chrysene	21.32	228	3904393	100.988 ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	1923332	89.308 ng	98
85) Di-n-octyl phthalate	22.05	149	3340304	93.320 ng	100
86) Indeno(1,2,3-cd)pyrene	25.81	276	4660069	101.333 ng	99
88) Benzo(b)fluoranthene	22.84	252	4262463	103.723 ng	98
89) Benzo(k)fluoranthene	22.89	252	4153901	110.812 ng	100
90) Benzo(a)pyrene	23.43	252	3915200	104.888 ng	100
91) Dibenzo(a,h)anthracene	25.82	278	3943034	101.575 ng	99
92) Benzo(g,h,i)perylene	26.51	276	3517993	95.456 ng	100

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

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