Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020320\
Data File : BF118797.D
Acq On : 3 Feb 2020 14:07
Operator : CG/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
mohammad
2/4/2020 6:13:41 PM

Quant Time: Feb 03 16:24:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 14:01:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	313122	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	1083783	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	614553	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	1139246	20.00	ng		0.00
76) Chrysene-d12	13.99	240	753574	20.00	ng		0.01
87) Perylene-d12	15.43	264	752201	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	2690767	159.60	ng		0.00
7) Phenol-d6	6.47	99	3333492	152.12	ng		0.02
23) Nitrobenzene-d5	7.40	82	3228078	166.60	ng		0.02
42) 2,4,6-Tribromophenol	10.66	330	1264930	177.96	ng		0.01
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	12.94	244	6168736	178.54	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	665795	81.534	ng		100
3) Pyridine	3.30	79	1885365	81.917	ng		100
4) n-Nitrosodimethylamine	3.26	42	702220	71.166	ng		97
6) Aniline	6.50	93	2172081	75.278	ng		98
8) 2-Chlorophenol	6.62	128	1505740	79.570	ng		99
10) Phenol	6.49	94	1850594	74.106	ng		84
11) bis(2-Chloroethyl)ether	6.57	93	1473562	79.532	ng		98
12) 1,3-Dichlorobenzene	6.77	146	1801030	81.314	ng		98
13) 1,4-Dichlorobenzene	6.84	146	1784745	80.272	ng		97
15) Benzyl Alcohol	6.97	79	1285510	73.976	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1775160	68.785	ng		97
17) 2-Methylphenol	7.08	107	1322047	83.872	ng		98
18) Hexachloroethane	7.34	117	669062	82.988	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	1074431	72.616	ng		98
22) Acetophenone	7.24	105	1984602	77.301	ng	#	94
24) Nitrobenzene	7.42	77	1588317	80.057	ng		95
25) Isophorone	7.66	82	3022384	85.520	ng		98
26) 2-Nitrophenol	7.72	139	918587	108.573	ng		96
27) 2,4-Dimethylphenol	7.76	122	1204036	82.414	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	1859026	81.637	ng		100
29) 2,4-Dichlorophenol	7.97	162	1403035	86.873	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	1585280	84.656	ng		98
31) Naphthalene	8.13	128	4047516	82.673	ng		97
32) Benzoic acid	7.94	122	1164525	106.208	ng		100
33) 4-Chloroaniline	8.18	127	1990869	87.981	ng		99
34) Hexachlorobutadiene	8.25	225	979002	85.849	ng		98
35) Caprolactam	8.59	113	521305m	98.634	ng		
36) 4-Chloro-3-methylphenol	8.67	107	1434531	89.948	ng		100
37) 2-Methylnaphthalene	8.82	142	2886744	83.534	ng		95
38) 1-Methylnaphthalene	8.92	142	2707568m	82.469	ng		
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	1531603	79.651	ng		99
41) Hexachlorocyclopentadiene	8.98	237	759366	78.272	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	1112591	87.194	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	1136669	87.223	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.29	154	3372612	79.627	ng		97
47) 2-Chloronaphthalene	9.32	162	2932554	82.145	ng		97
48) 2-Nitroaniline	9.41	65	958195	87.314	ng		98
49) Acenaphthylene	9.73	152	4170302	83.036	ng		96
50) Dimethylphthalate	9.60	163	3695576	92.299	ng		99
51) 2,6-Dinitrotoluene	9.65	165	877249	97.844	ng		94
52) Acenaphthene	9.90	154	2831480	84.314	ng		98
53) 3-Nitroaniline	9.83	138	973612	95.100	ng		99
54) 2,4-Dinitrophenol	9.93	184	501383	140.075	ng		95
56) 4-Nitrophenol	9.99	139	731833	94.692	ng		93
57) 2,4-Dinitrotoluene	10.06	165	1120195	99.109	ng	#	84
59) 2,3,4,6-Tetrachlorophenol	10.19	232	957360	83.523	ng		97
60) Diethylphthalate	10.29	149	3419295	88.079	ng		98
62) 4-Nitroaniline	10.45	138	987204	94.006	ng		97
63) Azobenzene	10.57	77	2896218	77.034	ng		93
65) 4,6-Dinitro-2-methylphenol	10.47	198	650410	129.834	ng		90
66) n-Nitrosodiphenylamine	10.53	169	2787212	81.125	ng		97
67) 4-Bromophenyl-phenylether	10.89	248	1161858	82.548	ng		95
68) Hexachlorobenzene	10.97	284	1324818	83.022	ng		98
70) Pentachlorophenol	11.16	266	750913	84.638	ng		99
73) Carbazole	11.58	167	3944961	79.083	ng		96
78) Pyrene	12.79	202	4718718	92.233	ng		95
80) Butylbenzylphthalate	13.41	149	2250796	107.497	ng		97
81) Benzo(a)anthracene	13.98	228	3845188	84.824	ng		97
82) 3,3'-Dichlorobenzidine	13.94	252	1503908	93.104	ng		99
83) Chrysene	14.02	228	3829297	88.140	ng		96
84) Bis(2-ethylhexyl)phthalate	13.97	149	2617545	102.325	ng		98
85) Di-n-octyl phthalate	14.58	149	4473211	118.138	ng		97
86) Indeno(1,2,3-cd)pyrene	16.89	276	4086973	108.264	ng		99
88) Benzo(b)fluoranthene	15.02	252	4593053	97.143	ng		99
89) Benzo(k)fluoranthene	15.06	252	3243510	74.046	ng		98
90) Benzo(a)pyrene	15.39	252	3586130	87.925	ng		99
91) Dibenzo(a,h)anthracene	16.91	278	3250161	90.087	ng		99
92) Benzo(g,h,i)perylene	17.33	276	3340921	95.374	ng		99

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

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