Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120281.D
Acq On : 14 May 2020 10:40
Operator : MA/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: May 14 11:19:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 10:46:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	326625	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	1300815	20.00	ng		0.00
39) Acenaphthene-d10	9.66	164	744141	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	1366214	20.00	ng		0.00
76) Chrysene-d12	13.79	240	826858	20.00	ng		0.00
87) Perylene-d12	15.17	264	847935	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1666228	77.10	ng		0.00
7) Phenol-d6	6.28	99	2039402	78.69	ng		0.00
23) Nitrobenzene-d5	7.20	82	1916483	79.89	ng		0.00
42) 2,4,6-Tribromophenol	10.46	330	603670	77.72	ng		0.00
45) 2-Fluorobiphenyl	8.99	172	3579716	76.55	ng		0.00
79) Terphenyl-d14	12.73	244	3529186	81.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	380138	38.696	ng		99
3) Pyridine	2.86	79	1050166	38.753	ng		99
4) n-Nitrosodimethylamine	2.83	42	402180	36.700	ng		98
6) Aniline	6.29	93	1313795	41.099	ng	#	86
8) 2-Chlorophenol	6.42	128	938485	42.124	ng		96
9) Benzaldehyde	6.17	77	641503	49.323	ng		99
10) Phenol	6.29	94	1206522	41.887	ng		97
11) bis(2-Chloroethyl)ether	6.37	93	942719	40.384	ng		99
12) 1,3-Dichlorobenzene	6.56	146	1010414	43.116	ng		100
13) 1,4-Dichlorobenzene	6.64	146	1050467	42.485	ng		99
14) 1,2-Dichlorobenzene	6.79	146	945260	43.290	ng		100
15) Benzyl Alcohol	6.78	79	728140	42.614	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1521308	43.857	ng		92
17) 2-Methylphenol	6.90	107	821953	43.722	ng		96
18) Hexachloroethane	7.13	117	387029	44.308	ng		99
19) n-Nitroso-di-n-propylamine	7.05	70	662966	42.558	ng		97
20) 3+4-Methylphenols	7.06	107	1051672	43.530	ng		94
22) Acetophenone	7.05	105	1322055	41.982	ng		98
24) Nitrobenzene	7.22	77	1045938	42.728	ng		97
25) Isophorone	7.46	82	1943203	40.535	ng		100
26) 2-Nitrophenol	7.53	139	542500	41.248	ng		96
27) 2,4-Dimethylphenol	7.58	122	766132	40.054	ng		95
28) bis(2-Chloroethoxy)methane	7.67	93	1224587	41.953	ng		99
29) 2,4-Dichlorophenol	7.78	162	797102	41.725	ng		98
30) 1,2,4-Trichlorobenzene	7.86	180	874974	40.670	ng		98
31) Naphthalene	7.93	128	2698208	41.158	ng		100
32) Benzoic acid	7.75	122	546360	42.981	ng		98
33) 4-Chloroaniline	7.99	127	1214045	42.100	ng		98
34) Hexachlorobutadiene	8.05	225	507205	40.991	ng		96
35) Caprolactam	8.38	113	287850	49.504	ng		98
36) 4-Chloro-3-methylphenol	8.49	107	950807	46.206	ng		98
37) 2-Methylnaphthalene	8.62	142	1990239	44.426	ng		97
38) 1-Methylnaphthalene	8.72	142	1946849	44.589	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	915128	40.751	ng		100

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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)
41) Hexachlorocyclopentadiene	8.77	237	361869	45.181 ng	98
43) 2,4,6-Trichlorophenol	8.91	196	616910	42.965 ng	99
44) 2,4,5-Trichlorophenol	8.96	196	711634	43.246 ng	98
46) 1,1'-Biphenyl	9.09	154	2344429	39.665 ng	98
47) 2-Chloronaphthalene	9.12	162	1886029	41.794 ng	99
48) 2-Nitroaniline	9.22	65	698717	43.510 ng	97
49) Acenaphthylene	9.53	152	2831655	40.165 ng	99
50) Dimethylphthalate	9.40	163	2230451	39.955 ng	100
51) 2,6-Dinitrotoluene	9.46	165	492447	40.251 ng	97
52) Acenaphthene	9.70	154	1712296	40.102 ng	100
53) 3-Nitroaniline	9.63	138	604865	41.588 ng	100
54) 2,4-Dinitrophenol	9.75	184	255942	41.893 ng	91
55) Dibenzofuran	9.87	168	2424316	39.018 ng	98
56) 4-Nitrophenol	9.82	139	343790	43.583 ng	94
57) 2,4-Dinitrotoluene	9.87	165	584223	39.121 ng	100
58) Fluorene	10.22	166	1888419	38.732 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.00	232	545173	42.099 ng	99
60) Diethylphthalate	10.10	149	2194079	39.407 ng	98
61) 4-Chlorophenyl-phenylether	10.21	204	944775	38.351 ng	95
62) 4-Nitroaniline	10.25	138	593010	40.777 ng	99
63) Azobenzene	10.37	77	2140210	41.029 ng	98
65) 4,6-Dinitro-2-methylphenol	10.28	198	355424	38.853 ng	94
66) n-Nitrosodiphenylamine	10.33	169	1798529	36.628 ng	99
67) 4-Bromophenyl-phenylether	10.70	248	635361	37.064 ng	95
68) Hexachlorobenzene	10.76	284	660299	37.090 ng	93
69) Atrazine	10.86	200	534097	51.266 ng	99
70) Pentachlorophenol	10.96	266	293082	40.109 ng	98
71) Phenanthrene	11.17	178	2757420	40.441 ng	98
72) Anthracene	11.23	178	2941304	40.233 ng	100
73) Carbazole	11.39	167	2796728	38.201 ng	100
74) Di-n-butylphthalate	11.72	149	3374378	36.514 ng	100
75) Fluoranthene	12.36	202	2826233	35.160 ng	98
77) Benzidine	12.49	184	1192445	59.826 ng	97
78) Pyrene	12.59	202	2855339	41.699 ng	99
80) Butylbenzylphthalate	13.21	149	1355012	41.645 ng	99
81) Benzo(a)anthracene	13.77	228	2066529	39.514 ng	99
82) 3,3'-Dichlorobenzidine	13.74	252	811875	42.839 ng	99
83) Chrysene	13.82	228	2294195	40.331 ng	100
84) Bis(2-ethylhexyl)phthalate	13.77	149	1675632	40.547 ng	100
85) Di-n-octyl phthalate	14.39	149	3102823	40.577 ng	99
86) Indeno(1,2,3-cd)pyrene	16.51	276	2136621	40.861 ng	100
88) Benzo(b)fluoranthene	14.79	252	2048507	36.537 ng	99
89) Benzo(k)fluoranthene	14.82	252	1816851	36.477 ng	99
90) Benzo(a)pyrene	15.12	252	2003905	40.320 ng	98
91) Dibenzo(a,h)anthracene	16.52	278	1750275	39.108 ng	99
92) Benzo(g,h,i)perylene	16.91	276	1779682	39.941 ng	99

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

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