Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
Data File : BF120343.D
Acq On : 18 May 2020 15:56
Operator : MA/SJ
Sample : PB128942BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB128942BS

Manual Integrations APPROVED
mohammad
5/19/2020 3:05:10 PM

Quant Time: May 18 16:30:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 18 15:23:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	324258	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	1247047	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	621879	20.00	ng		0.00
64) Phenanthrene-d10	11.12	188	1149926	20.00	ng		0.00
76) Chrysene-d12	13.76	240	795871	20.00	ng		0.00
87) Perylene-d12	15.14	264	775365	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1600379	96.03	ng		0.01
7) Phenol-d6	6.26	99	1935036	91.82	ng		0.00
23) Nitrobenzene-d5	7.17	82	1839408	100.99	ng		0.00
42) 2,4,6-Tribromophenol	10.43	330	502217	99.05	ng		0.00
45) 2-Fluorobiphenyl	8.97	172	3214743	106.20	ng		0.00
79) Terphenyl-d14	12.71	244	3259656	90.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	324493	48.948	ng		98
3) Pyridine	2.97	79	730475	35.053	ng		99
4) n-Nitrosodimethylamine	2.93	42	393373	48.209	ng		94
6) Aniline	6.27	93	909487	33.744	ng	#	86
8) 2-Chlorophenol	6.39	128	901191	46.378	ng		98
9) Benzaldehyde	6.15	77	545351	41.976	ng		94
10) Phenol	6.27	94	1099311	44.685	ng		81
11) bis(2-Chloroethyl)ether	6.35	93	819101	41.681	ng		97
12) 1,3-Dichlorobenzene	6.54	146	886567	42.639	ng		99
13) 1,4-Dichlorobenzene	6.62	146	924009	43.148	ng		99
14) 1,2-Dichlorobenzene	6.77	146	814778	42.250	ng		98
15) Benzyl Alcohol	6.76	79	678527	45.319	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1358434	43.863	ng		82
17) 2-Methylphenol	6.88	107	694086	42.313	ng		95
18) Hexachloroethane	7.11	117	343665	42.125	ng		98
19) n-Nitroso-di-n-propylamine	7.03	70	595422	43.125	ng		94
20) 3+4-Methylphenols	7.04	107	902728	42.328	ng		96
22) Acetophenone	7.02	105	1207355	47.260	ng		97
24) Nitrobenzene	7.19	77	903908	46.113	ng		98
25) Isophorone	7.43	82	1710333	45.130	ng		98
26) 2-Nitrophenol	7.51	139	492487	48.039	ng		97
27) 2,4-Dimethylphenol	7.56	122	776329	52.057	ng		97
28) bis(2-Chloroethoxy)methane	7.65	93	1096723	46.041	ng		100
29) 2,4-Dichlorophenol	7.76	162	715579	46.720	ng		99
30) 1,2,4-Trichlorobenzene	7.83	180	762421	44.920	ng		98
31) Naphthalene	7.91	128	2456813	46.680	ng		99
32) Benzoic acid	7.72	122	437963	44.803	ng		100
33) 4-Chloroaniline	7.97	127	628748	26.214	ng		99
34) Hexachlorobutadiene	8.03	225	426742	43.499	ng		98
35) Caprolactam	8.35	113	220738m	44.052	ng		
36) 4-Chloro-3-methylphenol	8.47	107	770153	46.481	ng		97
37) 2-Methylnaphthalene	8.60	142	1632268	45.320	ng		98
38) 1-Methylnaphthalene	8.70	142	1584225	45.351	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	729324	46.510	ng		99

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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	8.76	237	640237	97.406 ng	98
43) 2,4,6-Trichlorophenol	8.89	196	478951	45.503 ng	98
44) 2,4,5-Trichlorophenol	8.94	196	527080	43.604 ng	98
46) 1,1'-Biphenyl	9.07	154	1976955	48.519 ng	100
47) 2-Chloronaphthalene	9.09	162	1488626	45.545 ng	99
48) 2-Nitroaniline	9.20	65	550735	46.182 ng	98
49) Acenaphthylene	9.50	152	2371333	47.496 ng	100
50) Dimethylphthalate	9.38	163	1751628	44.557 ng	100
51) 2,6-Dinitrotoluene	9.44	165	395134	45.035 ng	97
52) Acenaphthene	9.67	154	1372675	45.868 ng	100
53) 3-Nitroaniline	9.61	138	276305	26.408 ng	97
54) 2,4-Dinitrophenol	9.73	184	367590	88.755 ng	91
55) Dibenzofuran	9.85	168	2008680	46.609 ng	100
56) 4-Nitrophenol	9.80	139	493512	87.781 ng	88
57) 2,4-Dinitrotoluene	9.85	165	466296	45.305 ng	97
58) Fluorene	10.19	166	1580932	48.169 ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	430503	47.324 ng	99
60) Diethylphthalate	10.08	149	1741519	45.887 ng	99
61) 4-Chlorophenyl-phenylether	10.19	204	753282	44.144 ng	95
62) 4-Nitroaniline	10.23	138	430179	44.152 ng	99
63) Azobenzene	10.35	77	1666075	46.448 ng	95
65) 4,6-Dinitro-2-methylphenol	10.26	198	273183	46.974 ng	90
66) n-Nitrosodiphenylamine	10.31	169	1492605	46.917 ng	99
67) 4-Bromophenyl-phenylether	10.67	248	477193	42.765 ng	96
68) Hexachlorobenzene	10.74	284	518236	44.393 ng	96
69) Atrazine	10.85	200	411657	43.244 ng	99
70) Pentachlorophenol	10.94	266	448169	90.266 ng	100
71) Phenanthrene	11.15	178	2283665	47.261 ng	99
72) Anthracene	11.20	178	2469608	47.742 ng	99
73) Carbazole	11.36	167	2251628	46.586 ng	99
74) Di-n-butylphthalate	11.70	149	2673944	45.905 ng	99
75) Fluoranthene	12.33	202	2525449	48.762 ng	99
77) Benzidine	12.46	184	1253889	53.952 ng	96
78) Pyrene	12.56	202	2547331	44.896 ng	99
80) Butylbenzylphthalate	13.19	149	1162726	43.520 ng	97
81) Benzo(a)anthracene	13.75	228	1957881	46.642 ng	99
82) 3,3'-Dichlorobenzidine	13.72	252	518454	32.774 ng	99
83) Chrysene	13.79	228	2086674	46.293 ng	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	1416346	42.610 ng	99
85) Di-n-octyl phthalate	14.36	149	2670281	44.655 ng	98
86) Indeno(1,2,3-cd)pyrene	16.46	276	1794541	43.865 ng	100
88) Benzo(b)fluoranthene	14.76	252	1989297	46.979 ng	99
89) Benzo(k)fluoranthene	14.79	252	1799505	49.051 ng	100
90) Benzo(a)pyrene	15.09	252	1734092	45.663 ng	99
91) Dibenzo(a,h)anthracene	16.47	278	1491239	44.326 ng	99
92) Benzo(g,h,i)perylene	16.85	276	1510232	44.516 ng	98

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

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