Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120315.D
Acq On : 15 May 2020 12:18
Operator : MA/SJ
Sample : L2501-07MS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-051320MS

Quant Time: May 15 12:51:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 12:31:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	429112	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	1800277	20.00	ng		0.00
39) Acenaphthene-d10	9.66	164	953356	20.00	ng		0.00
64) Phenanthrene-d10	11.14	188	1705235	20.00	ng		0.00
76) Chrysene-d12	13.78	240	1069410	20.00	ng		0.00
87) Perylene-d12	15.17	264	954187	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	2278064	103.29	ng		0.02
7) Phenol-d6	6.28	99	2478613	88.87	ng		0.00
23) Nitrobenzene-d5	7.19	82	1930068	73.40	ng		0.00
42) 2,4,6-Tribromophenol	10.45	330	820085	105.50	ng		0.00
45) 2-Fluorobiphenyl	8.98	172	3475315	74.89	ng		0.00
79) Terphenyl-d14	12.73	244	3561943	73.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	362180	41.283	ng		98
3) Pyridine	3.04	79	680947	24.692	ng		99
4) n-Nitrosodimethylamine	2.96	42	407915	37.775	ng		99
6) Aniline	6.29	93	701769	19.675	ng	#	62
8) 2-Chlorophenol	6.41	128	991118	38.543	ng		97
9) Benzaldehyde	6.16	77	406618	23.650	ng		98
10) Phenol	6.29	94	1001567	30.764	ng		82
11) bis(2-Chloroethyl)ether	6.36	93	968485	37.240	ng		99
12) 1,3-Dichlorobenzene	6.56	146	923357	33.557	ng		99
13) 1,4-Dichlorobenzene	6.63	146	978855	34.540	ng		98
14) 1,2-Dichlorobenzene	6.79	146	855279	33.513	ng		99
15) Benzyl Alcohol	6.77	79	758151	38.264	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1457649	35.566	ng		85
17) 2-Methylphenol	6.90	107	742286	34.194	ng		93
18) Hexachloroethane	7.12	117	371987	34.455	ng		98
19) n-Nitroso-di-n-propylamine	7.05	70	699453	38.281	ng		97
20) 3+4-Methylphenols	7.06	107	983125	34.834	ng		96
22) Acetophenone	7.04	105	1378727	37.383	ng		99
24) Nitrobenzene	7.21	77	1019217	36.017	ng		99
25) Isophorone	7.45	82	2026945	37.049	ng		99
26) 2-Nitrophenol	7.52	139	560783	37.891	ng		94
27) 2,4-Dimethylphenol	7.57	122	946055	43.943	ng		96
28) bis(2-Chloroethoxy)methane	7.66	93	1287700	37.446	ng		99
29) 2,4-Dichlorophenol	7.77	162	809173	36.595	ng		99
30) 1,2,4-Trichlorobenzene	7.85	180	876028	35.752	ng		99
31) Naphthalene	7.92	128	2834460	37.305	ng		99
32) Benzoic acid	7.74	122	472174	33.460	ng		99
33) 4-Chloroaniline	7.98	127	531099	15.338	ng		99
34) Hexachlorobutadiene	8.04	225	479105	33.829	ng		97
35) Caprolactam	8.37	113	192048m	26.549	ng		
36) 4-Chloro-3-methylphenol	8.48	107	882625	36.899	ng		98
37) 2-Methylnaphthalene	8.62	142	1829802	35.192	ng		97
38) 1-Methylnaphthalene	8.72	142	1814135	35.974	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	838483	34.880	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 12:31:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	622273	64.181 ng	99
43) 2,4,6-Trichlorophenol	8.90	196	575111	35.641 ng	98
44) 2,4,5-Trichlorophenol	8.95	196	618937	33.400 ng	98
46) 1,1'-Biphenyl	9.08	154	2306358	36.922 ng	99
47) 2-Chloronaphthalene	9.10	162	1724246	34.412 ng	100
48) 2-Nitroaniline	9.21	65	620804	33.957 ng	97
49) Acenaphthylene	9.52	152	2639741	34.489 ng	99
50) Dimethylphthalate	9.39	163	2313080	38.381 ng	100
51) 2,6-Dinitrotoluene	9.46	165	465182	34.584 ng	95
52) Acenaphthene	9.69	154	1610468	35.103 ng	99
53) 3-Nitroaniline	9.62	138	295577	18.427 ng	98
54) 2,4-Dinitrophenol	9.74	184	483155	76.097 ng	98
55) Dibenzofuran	9.86	168	2323892	35.175 ng	99
56) 4-Nitrophenol	9.82	139	500409	58.060 ng	86
57) 2,4-Dinitrotoluene	9.86	165	538906	34.155 ng	98
58) Fluorene	10.20	166	1784228	35.461 ng	99
59) 2,3,4,6-Tetrachlorophenol	9.99	232	485485	34.812 ng	99
60) Diethylphthalate	10.09	149	2025886	34.820 ng	99
61) 4-Chlorophenyl-phenylether	10.20	204	861397	32.928 ng	98
62) 4-Nitroaniline	10.25	138	499213	33.423 ng	100
63) Azobenzene	10.36	77	2125701	38.657 ng	99
65) 4,6-Dinitro-2-methylphenol	10.27	198	361202	41.884 ng	99
66) n-Nitrosodiphenylamine	10.32	169	1811522	38.398 ng	99
67) 4-Bromophenyl-phenylether	10.69	248	587018	35.475 ng	99
68) Hexachlorobenzene	10.75	284	638586	36.889 ng	99
69) Atrazine	10.86	200	448369	31.762 ng	99
70) Pentachlorophenol	10.96	266	580630	78.862 ng	99
71) Phenanthrene	11.16	178	2738379	38.217 ng	98
72) Anthracene	11.22	178	3000057	39.110 ng	99
73) Carbazole	11.37	167	2767170	38.608 ng	99
74) Di-n-butylphthalate	11.71	149	3324299	38.485 ng	100
75) Fluoranthene	12.35	202	2819483	36.711 ng	99
77) Benzidine	12.47	184	1173740	37.585 ng	99
78) Pyrene	12.58	202	2888044	37.882 ng	100
80) Butylbenzylphthalate	13.20	149	1306931	36.405 ng	98
81) Benzo(a)anthracene	13.77	228	2104880	37.318 ng	99
82) 3,3'-Dichlorobenzidine	13.73	252	470343	22.128 ng	98
83) Chrysene	13.80	228	2241341	37.006 ng	100
84) Bis(2-ethylhexyl)phthalate	13.76	149	1607940	36.000 ng	100
85) Di-n-octyl phthalate	14.37	149	2985383	37.154 ng	99
86) Indeno(1,2,3-cd)pyrene	16.50	276	1884346	34.279 ng	99
88) Benzo(b)fluoranthene	14.78	252	1967851	37.763 ng	99
89) Benzo(k)fluoranthene	14.81	252	1953479	43.269 ng	99
90) Benzo(a)pyrene	15.12	252	1881257	40.255 ng	98
91) Dibenzo(a,h)anthracene	16.51	278	1580416	38.173 ng	99
92) Benzo(g,h,i)perylene	16.90	276	1611393	38.597 ng	96

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

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