Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118804.D
Acq On : 4 Feb 2020 16:23
Operator : CG/JU
Sample : PB126588BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB126588BS

Manual Integrations APPROVED
mohammad
2/6/2020 2:17:03 PM

Quant Time: Feb 04 17:16:43 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 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	239294	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	890694	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	520264	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	980934	20.00	ng		0.00
76) Chrysene-d12	13.97	240	702379	20.00	ng		-0.01
87) Perylene-d12	15.40	264	653795	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1145469	90.61	ng		0.00
7) Phenol-d6	6.45	99	1428851	91.05	ng		0.00
23) Nitrobenzene-d5	7.37	82	1232815	82.50	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	555599	89.25	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	2570031	88.31	ng		0.00
79) Terphenyl-d14	12.92	244	3094789	90.50	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	272278	47.261	ng		99
3) Pyridine	3.37	79	664829	41.559	ng		99
4) n-Nitrosodimethylamine	3.31	42	280304	48.126	ng		100
6) Aniline	6.47	93	741068	36.666	ng		100
8) 2-Chlorophenol	6.60	128	723552	51.387	ng		98
9) Benzaldehyde	6.36	77	358712	39.427	ng		98
10) Phenol	6.46	94	878141	50.327	ng		98
11) bis(2-Chloroethyl)ether	6.55	93	647531	48.506	ng		99
12) 1,3-Dichlorobenzene	6.76	146	792566	47.289	ng		97
13) 1,4-Dichlorobenzene	6.83	146	808432	48.357	ng		99
14) 1,2-Dichlorobenzene	6.99	146	747038	46.778	ng		99
15) Benzyl Alcohol	6.95	79	615984	50.783	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	758736	46.412	ng		99
17) 2-Methylphenol	7.07	107	589659	50.371	ng		99
18) Hexachloroethane	7.33	117	277504	46.249	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	466858	48.623	ng		100
20) 3+4-Methylphenols	7.22	107	696893	47.494	ng		91
22) Acetophenone	7.22	105	912761	47.167	ng	#	98
24) Nitrobenzene	7.39	77	724774	48.551	ng		99
25) Isophorone	7.63	82	1342129	49.975	ng		100
26) 2-Nitrophenol	7.71	139	398538	50.101	ng		98
27) 2,4-Dimethylphenol	7.75	122	636676	58.920	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	826822	47.478	ng		99
29) 2,4-Dichlorophenol	7.95	162	646606	49.967	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	711788	47.058	ng		100
31) Naphthalene	8.12	128	2049875	50.320	ng		99
32) Benzoic acid	7.87	122	434057	48.517	ng		98
33) 4-Chloroaniline	8.16	127	527510	28.944	ng		98
34) Hexachlorobutadiene	8.24	225	419367	45.254	ng		98
35) Caprolactam	8.53	113	203526m	48.515	ng		
36) 4-Chloro-3-methylphenol	8.65	107	665384	51.093	ng		98
37) 2-Methylnaphthalene	8.81	142	1435706	50.816	ng		98
38) 1-Methylnaphthalene	8.91	142	1348640	50.743	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	691370	44.031	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	751886	122.119	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	505333	48.127	ng		100
44) 2,4,5-Trichlorophenol	9.13	196	521942	48.650	ng		99
46) 1,1'-Biphenyl	9.27	154	1723390	47.887	ng		99
47) 2-Chloronaphthalene	9.30	162	1398741	46.751	ng		98
48) 2-Nitroaniline	9.39	65	396881	45.993	ng		91
49) Acenaphthylene	9.72	152	2165549	50.130	ng		99
50) Dimethylphthalate	9.57	163	1681556	47.468	ng		100
51) 2,6-Dinitrotoluene	9.63	165	394976	48.729	ng		96
52) Acenaphthene	9.89	154	1473010	51.746	ng		99
53) 3-Nitroaniline	9.80	138	262930	29.249	ng		99
54) 2,4-Dinitrophenol	9.91	184	375269	96.305	ng	#	90
55) Dibenzofuran	10.06	168	1979849	48.126	ng		99
56) 4-Nitrophenol	9.96	139	639875	98.352	ng		99
57) 2,4-Dinitrotoluene	10.04	165	531499	49.549	ng		98
58) Fluorene	10.40	166	1476083	47.694	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	459530	49.045	ng		100
60) Diethylphthalate	10.27	149	1620597	47.046	ng		100
61) 4-Chlorophenyl-phenylether	10.39	204	785560	46.803	ng		97
62) 4-Nitroaniline	10.42	138	380446	42.262	ng		97
63) Azobenzene	10.55	77	1437683	48.887	ng		98
65) 4,6-Dinitro-2-methylphenol	10.45	198	278341	50.497	ng		96
66) n-Nitrosodiphenylamine	10.51	169	1396835	49.160	ng		100
67) 4-Bromophenyl-phenylether	10.88	248	549164	47.325	ng		95
68) Hexachlorobenzene	10.95	284	617019	46.358	ng		95
69) Atrazine	11.03	200	505944	53.447	ng		100
70) Pentachlorophenol	11.14	266	644548	91.714	ng		99
71) Phenanthrene	11.36	178	2279693	47.234	ng		99
72) Anthracene	11.41	178	2342085	48.780	ng		100
73) Carbazole	11.56	167	2025741	48.075	ng		100
74) Di-n-butylphthalate	11.90	149	2458969	45.810	ng		99
75) Fluoranthene	12.55	202	2436814	46.244	ng		99
77) Benzidine	12.66	184	1083662	51.010	ng		99
78) Pyrene	12.77	202	2444532	50.732	ng		100
80) Butylbenzylphthalate	13.39	149	1032697	46.956	ng		95
81) Benzo(a)anthracene	13.96	228	2006103	47.998	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	581661	34.026	ng		99
83) Chrysene	14.00	228	2022255	48.208	ng		100
84) Bis(2-ethylhexyl)phthalate	13.95	149	1270977	45.550	ng		99
85) Di-n-octyl phthalate	14.56	149	2075101	43.411	ng		100
86) Indeno(1,2,3-cd)pyrene	16.84	276	1806756	42.868	ng		100
88) Benzo(b)fluoranthene	14.99	252	1858155	45.802	ng		100
89) Benzo(k)fluoranthene	15.02	252	1872419	53.001	ng		99
90) Benzo(a)pyrene	15.35	252	1646487	47.423	ng		98
91) Dibenzo(a,h)anthracene	16.86	278	1513994	49.121	ng		99
92) Benzo(g,h,i)perylene	17.27	276	1520703	51.303	ng		98

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

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