Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
Data File : BF120099.D
Acq On : 21 Apr 2020 13:29
Operator : MA/SJ
Sample : PB128301BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB128301BS

Manual Integrations APPROVED
mohammad
4/24/2020 4:16:53 AM

Quant Time: Apr 21 14:05:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 13:48:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	118516	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	462414	20.00	ng		0.00
39) Acenaphthene-d10	9.74	164	229554	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	409116	20.00	ng		0.00
76) Chrysene-d12	13.87	240	361126	20.00	ng		0.00
87) Perylene-d12	15.28	264	318169	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	996381	145.29	ng		0.01
7) Phenol-d6	6.34	99	1292084	146.22	ng		0.00
23) Nitrobenzene-d5	7.26	82	792214	88.63	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	336568	119.75	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1509310	93.35	ng		0.00
79) Terphenyl-d14	12.82	244	1686997	78.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	133564	43.727	ng		96
3) Pyridine	3.06	79	377049	44.992	ng		96
4) n-Nitrosodimethylamine	3.02	42	215405	50.307	ng		98
6) Aniline	6.36	93	373941	32.241	ng	#	56
8) 2-Chlorophenol	6.48	128	404039	52.730	ng		100
9) Benzaldehyde	6.24	77	164010	31.544	ng		99
10) Phenol	6.35	94	510079	50.880	ng		89
11) bis(2-Chloroethyl)ether	6.43	93	373907	48.305	ng		99
12) 1,3-Dichlorobenzene	6.63	146	411284	49.028	ng		99
13) 1,4-Dichlorobenzene	6.71	146	414919	48.555	ng		99
14) 1,2-Dichlorobenzene	6.86	146	380890	48.365	ng		97
15) Benzyl Alcohol	6.84	79	329018	47.938	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	650707	43.200	ng		98
17) 2-Methylphenol	6.96	107	311473	45.550	ng		96
18) Hexachloroethane	7.20	117	155650	48.738	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	277583	48.850	ng		99
20) 3+4-Methylphenols	7.12	107	416882	49.847	ng	#	81
22) Acetophenone	7.11	105	546821	50.499	ng		100
24) Nitrobenzene	7.28	77	422563	46.995	ng		100
25) Isophorone	7.52	82	768229	44.585	ng		99
26) 2-Nitrophenol	7.60	139	218836	48.714	ng		97
27) 2,4-Dimethylphenol	7.65	122	339379	50.092	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	480674	47.408	ng		100
29) 2,4-Dichlorophenol	7.85	162	328839	47.351	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	353743	44.955	ng		99
31) Naphthalene	8.00	128	1156794	47.548	ng		100
32) Benzoic acid	7.78	122	259513	43.614	ng		95
33) 4-Chloroaniline	8.05	127	169126	15.968	ng		96
34) Hexachlorobutadiene	8.12	225	201681	42.816	ng		99
35) Caprolactam	8.43	113	101850m	47.944	ng		
36) 4-Chloro-3-methylphenol	8.55	107	359766	47.849	ng		97
37) 2-Methylnaphthalene	8.70	142	739628	44.842	ng		98
38) 1-Methylnaphthalene	8.79	142	729943	46.952	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	341570	47.111	ng		98

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Sample : PB128301BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 13:48:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	352036	85.388	ng		97
43) 2,4,6-Trichlorophenol	8.98	196	241120	48.160	ng		98
44) 2,4,5-Trichlorophenol	9.02	196	253524	44.959	ng		98
46) 1,1'-Biphenyl	9.16	154	918372	47.398	ng		99
47) 2-Chloronaphthalene	9.19	162	722176	48.384	ng		99
48) 2-Nitroaniline	9.29	65	252666	46.712	ng		95
49) Acenaphthylene	9.60	152	1126069	49.607	ng		99
50) Dimethylphthalate	9.47	163	817956	46.067	ng		99
51) 2,6-Dinitrotoluene	9.53	165	183265	47.134	ng		98
52) Acenaphthene	9.77	154	653663	43.169	ng		98
53) 3-Nitroaniline	9.69	138	104439	23.519	ng		96
54) 2,4-Dinitrophenol	9.81	184	196752	84.520	ng		94
55) Dibenzofuran	9.95	168	1032902	49.709	ng		99
56) 4-Nitrophenol	9.87	139	313811	94.976	ng		97
57) 2,4-Dinitrotoluene	9.94	165	249761	48.755	ng		97
58) Fluorene	10.29	166	817045	49.167	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.07	232	208554	48.357	ng		97
60) Diethylphthalate	10.17	149	766681	41.662	ng		99
61) 4-Chlorophenyl-phenylether	10.28	204	386104	45.332	ng		96
62) 4-Nitroaniline	10.32	138	208262	49.211	ng		98
63) Azobenzene	10.45	77	806516	48.903	ng		96
65) 4,6-Dinitro-2-methylphenol	10.35	198	145196	53.870	ng		83
66) n-Nitrosodiphenylamine	10.40	169	733531	53.912	ng		99
67) 4-Bromophenyl-phenylether	10.77	248	231381	45.478	ng		94
68) Hexachlorobenzene	10.84	284	250054	48.448	ng		93
69) Atrazine	10.93	200	212564	56.150	ng		98
70) Pentachlorophenol	11.03	266	245707	82.608	ng		99
71) Phenanthrene	11.25	178	1080540	49.626	ng		99
72) Anthracene	11.30	178	1204510	54.152	ng		99
73) Carbazole	11.46	167	975213	46.362	ng		99
74) Di-n-butylphthalate	11.79	149	1343720	48.594	ng		100
75) Fluoranthene	12.44	202	1309885	55.755	ng		98
77) Benzidine	12.56	184	517364	42.382	ng		97
78) Pyrene	12.67	202	1341567	44.067	ng		99
80) Butylbenzylphthalate	13.29	149	561139	37.986	ng		97
81) Benzo(a)anthracene	13.86	228	1098604	46.243	ng		100
82) 3,3'-Dichlorobenzidine	13.82	252	215783	24.343	ng		99
83) Chrysene	13.89	228	1119457	46.375	ng		100
84) Bis(2-ethylhexyl)phthalate	13.85	149	715066	35.745	ng	#	98
85) Di-n-octyl phthalate	14.47	149	1266356	37.179	ng		99
86) Indeno(1,2,3-cd)pyrene	16.66	276	899182	42.257	ng		98
88) Benzo(b)fluoranthene	14.88	252	1055187m	46.102	ng		
89) Benzo(k)fluoranthene	14.91	252	818783	41.461	ng		98
90) Benzo(a)pyrene	15.23	252	912128	47.397	ng		100
91) Dibenzo(a,h)anthracene	16.67	278	741941	43.524	ng		98
92) Benzo(g,h,i)perylene	17.07	276	726128	43.153	ng		96

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

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