Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
Data File : BF115094.D
Acq On : 21 Jun 2019 22:44
Operator : HP/JU
Sample : PB120753BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120753BSD

Manual Integrations APPROVED
mohammad
6/25/2019 12:41:23 PM

Quant Time: Jun 22 05:19:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 21 17:55:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	241169	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	950502	20.00	ng		0.00
39) Acenaphthene-d10	9.65	164	479757	20.00	ng		0.00
64) Phenanthrene-d10	11.12	188	936812	20.00	ng		0.00
76) Chrysene-d12	13.74	240	682059	20.00	ng		0.00
87) Perylene-d12	15.11	264	771396	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1712795	109.60	ng		0.02
7) Phenol-d6	6.26	99	2104185	110.93	ng		0.00
23) Nitrobenzene-d5	7.18	82	1301251	84.22	ng		0.00
42) 2,4,6-Tribromophenol	10.43	330	609430	120.46	ng		0.00
45) 2-Fluorobiphenyl	8.98	172	2478774	87.76	ng		0.00
79) Terphenyl-d14	12.71	244	2649716	82.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	293412	39.781	ng		100
3) Pyridine	2.95	79	803705	38.661	ng		98
4) n-Nitrosodimethylamine	2.90	42	329493	40.431	ng		98
6) Aniline	6.28	93	716311	27.476	ng		95
8) 2-Chlorophenol	6.40	128	747651	42.545	ng		100
9) Benzaldehyde	6.15	77	116096	9.381	ng		98
10) Phenol	6.27	94	882911	39.736	ng		96
11) bis(2-Chloroethyl)ether	6.36	93	677533	41.366	ng		99
12) 1,3-Dichlorobenzene	6.55	146	806479	41.352	ng		98
13) 1,4-Dichlorobenzene	6.63	146	813366	41.590	ng		99
14) 1,2-Dichlorobenzene	6.78	146	757808	41.843	ng		99
15) Benzyl Alcohol	6.76	79	579263	41.938	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	982665	41.366	ng		99
17) 2-Methylphenol	6.88	107	621654	42.857	ng		98
18) Hexachloroethane	7.13	117	291917	41.403	ng		99
19) n-Nitroso-di-n-propylamine	7.04	70	492067	40.519	ng		98
20) 3+4-Methylphenols	7.03	107	716405	42.773	ng		96
22) Acetophenone	7.02	105	983042	45.176	ng	#	98
24) Nitrobenzene	7.20	77	757792	44.517	ng		98
25) Isophorone	7.44	82	1400316	44.240	ng		99
26) 2-Nitrophenol	7.51	139	403995	48.058	ng		99
27) 2,4-Dimethylphenol	7.56	122	697107	50.648	ng		97
28) bis(2-Chloroethoxy)methane	7.66	93	877898	43.882	ng		98
29) 2,4-Dichlorophenol	7.75	162	651092	45.838	ng		97
30) 1,2,4-Trichlorobenzene	7.84	180	704398	44.896	ng		99
31) Naphthalene	7.92	128	2116646	45.365	ng		100
32) Benzoic acid	7.70	122	534347	54.387	ng		99
33) 4-Chloroaniline	7.97	127	520652	24.417	ng		100
34) Hexachlorobutadiene	8.05	225	373073	43.391	ng		99
35) Caprolactam	8.34	113	208930m	43.750	ng		
36) 4-Chloro-3-methylphenol	8.45	107	648458	45.079	ng		100
37) 2-Methylnaphthalene	8.61	142	1460201	46.416	ng		99
38) 1-Methylnaphthalene	8.71	142	1388943	46.228	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	588441	43.405	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
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	730618	90.886 ng	99
43) 2,4,6-Trichlorophenol	8.89	196	469125	44.821 ng	99
44) 2,4,5-Trichlorophenol	8.92	196	486448	45.131 ng	99
46) 1,1'-Biphenyl	9.08	154	1673786	43.603 ng	99
47) 2-Chloronaphthalene	9.10	162	1339518	43.019 ng	98
48) 2-Nitroaniline	9.19	65	393321	43.327 ng	96
49) Acenaphthylene	9.51	152	2115280	43.601 ng	99
50) Dimethylphthalate	9.38	163	1548049	43.858 ng	100
51) 2,6-Dinitrotoluene	9.44	165	368164	45.180 ng	93
52) Acenaphthene	9.68	154	1447610	47.685 ng	99
53) 3-Nitroaniline	9.60	138	281318	28.289 ng	97
54) 2,4-Dinitrophenol	9.70	184	388842	91.563 ng	92
55) Dibenzofuran	9.85	168	1858328	42.650 ng	100
56) 4-Nitrophenol	9.77	139	678966	85.165 ng	98
57) 2,4-Dinitrotoluene	9.84	165	491224	46.686 ng	94
58) Fluorene	10.20	166	1272819	43.683 ng	97
59) 2,3,4,6-Tetrachlorophenol	9.97	232	417771	46.224 ng	99
60) Diethylphthalate	10.08	149	1563050	44.054 ng	100
61) 4-Chlorophenyl-phenylether	10.19	204	616706	44.687 ng	97
62) 4-Nitroaniline	10.21	138	409931	41.091 ng	98
63) Azobenzene	10.35	77	1466412	44.249 ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	228931	46.142 ng	79
66) n-Nitrosodiphenylamine	10.31	169	1309399	44.864 ng	99
67) 4-Bromophenyl-phenylether	10.68	248	443097	43.625 ng	95
68) Hexachlorobenzene	10.74	284	476322	43.205 ng	93
69) Atrazine	10.84	200	411864	43.868 ng	100
70) Pentachlorophenol	10.93	266	571246	81.333 ng	96
71) Phenanthrene	11.15	178	2092329	41.482 ng	100
72) Anthracene	11.20	178	2195921	43.129 ng	99
73) Carbazole	11.35	167	1968364	43.294 ng	98
74) Di-n-butylphthalate	11.70	149	2337162	44.485 ng	99
75) Fluoranthene	12.32	202	2196252	43.641 ng	99
77) Benzidine	12.45	184	1032188	34.081 ng	99
78) Pyrene	12.55	202	2262689	43.167 ng	99
80) Butylbenzylphthalate	13.19	149	1064649	46.025 ng	94
81) Benzo(a)anthracene	13.73	228	2060453	42.102 ng	99
82) 3,3'-Dichlorobenzidine	13.70	252	578688	32.744 ng	99
83) Chrysene	13.77	228	1908928	42.581 ng	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	1378608	45.483 ng	99
85) Di-n-octyl phthalate	14.37	149	2388472	46.900 ng	100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2348770	44.277 ng	99
88) Benzo(b)fluoranthene	14.74	252	2185914	45.414 ng	99
89) Benzo(k)fluoranthene	14.77	252	1961735	45.448 ng	99
90) Benzo(a)pyrene	15.06	252	2069058	47.693 ng	99
91) Dibenzo(a,h)anthracene	16.41	278	1938341	47.859 ng	99
92) Benzo(g,h,i)perylene	16.78	276	1972276	48.114 ng	97

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

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