Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107533.D
Acq On : 20 Jul 2018 19:38
Operator : JU/SJ
Sample : PB111265BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 20 23:52:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB111265BS

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	349999	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	1340475	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	608058	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	1202663	20.00	ng		0.00
75) Chrysene-d12	14.16	240	816522	20.00	ng		0.00
86) Perylene-d12	15.69	264	781812	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	2328936	106.99	ng		0.00
7) Phenol-d6	6.61	99	2730526	104.46	ng		0.00
23) Nitrobenzene-d5	7.54	82	1740620	87.63	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	852414	123.28	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	2979489	83.52	ng		0.00
78) Terphenyl-d14	13.10	244	2936743	92.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	304007	30.004	ng	#	83
3) Pyridine	3.68	79	839374	30.451	ng		86
4) n-Nitrosodimethylamine	3.64	42	437269	37.613	ng		98
6) Aniline	6.65	93	932367	27.656	ng	#	87
8) 2-Chlorophenol	6.77	128	838414	35.949	ng		94
9) Benzaldehyde	6.53	77	349784	18.908	ng		96
10) Phenol	6.62	94	1045642	34.015	ng		88
11) bis(2-Chloroethyl)ether	6.71	93	923272	36.227	ng		91
12) 1,3-Dichlorobenzene	6.91	146	896460	33.902	ng		98
13) 1,4-Dichlorobenzene	6.99	146	937417	34.589	ng		97
14) 1,2-Dichlorobenzene	7.14	146	833462	34.269	ng		99
15) Benzyl Alcohol	7.12	79	679592	38.149	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1446022	33.632	ng		85
17) 2-Methylphenol	7.23	107	734555	37.057	ng	#	93
18) Hexachloroethane	7.48	117	335946	35.341	ng		98
19) n-Nitroso-di-n-propylamine	7.38	70	578261	34.245	ng		97
20) 3+4-Methylphenols	7.38	107	884099	37.561	ng	#	64
22) Acetophenone	7.38	105	1184478	37.625	ng	#	87
24) Nitrobenzene	7.56	77	913822	40.168	ng		99
25) Isophorone	7.80	82	1715269	40.445	ng		99
26) 2-Nitrophenol	7.87	139	443792	46.194	ng		95
27) 2,4-Dimethylphenol	7.91	122	777643	42.763	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	1088463	38.404	ng		100
29) 2,4-Dichlorophenol	8.12	162	745061	40.085	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	759785	36.395	ng		99
31) Naphthalene	8.28	128	2323435	39.416	ng		97
32) Benzoic acid	8.04	122	517893	41.979	ng		97
33) 4-Chloroaniline	8.33	127	581030	22.552	ng		96
34) Hexachlorobutadiene	8.39	225	439492	35.429	ng		99
35) Caprolactam	8.71	113	233528m	38.627	ng		
36) 4-Chloro-3-methylphenol	8.81	107	814098	39.429	ng		99
37) 2-Methylnaphthalene	8.97	142	1661445	40.674	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	760898	37.517	ng		99
40) Hexachlorocyclopentadiene	9.12	237	905293	87.809	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	515260	39.691	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	559632	41.247	ng		99
45) 1,1'-Biphenyl	9.44	154	1976913	37.322	ng		97
46) 2-Chloronaphthalene	9.47	162	1495030	36.925	ng		98
47) 2-Nitroaniline	9.57	65	537710	45.555	ng		91
48) Acenaphthylene	9.88	152	2419133	39.775	ng		95
49) Dimethylphthalate	9.74	163	1761284	38.433	ng		98
50) 2,6-Dinitrotoluene	9.80	165	394368	43.344	ng	#	90
51) Acenaphthene	10.05	154	1428746	37.492	ng		98
52) 3-Nitroaniline	9.98	138	328569	29.684	ng		99
53) 2,4-Dinitrophenol	10.08	184	353258	81.507	ng	#	22
54) Dibenzofuran	10.22	168	2118158	37.755	ng		95
55) 4-Nitrophenol	10.15	139	671738	81.056	ng		93
56) 2,4-Dinitrotoluene	10.21	165	509891	46.426	ng	#	91
57) Fluorene	10.57	166	1652489	41.287	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	469623	41.590	ng		91
59) Diethylphthalate	10.44	149	1814591	37.914	ng		95
60) 4-Chlorophenyl-phenylether	10.55	204	818396	36.169	ng		97
61) 4-Nitroaniline	10.60	138	438802	47.184	ng		98
62) Azobenzene	10.72	77	1744012	38.860	ng		89
64) 4,6-Dinitro-2-methylphenol	10.62	198	241405	42.740	ng		91
65) n-Nitrosodiphenylamine	10.68	169	1488529	36.443	ng		97
66) 4-Bromophenyl-phenylether	11.05	248	526109	37.161	ng		91
67) Hexachlorobenzene	11.12	284	570222	36.606	ng	#	84
68) Atrazine	11.21	200	485464	38.928	ng		96
69) Pentachlorophenol	11.31	266	610472	62.742	ng		98
70) Phenanthrene	11.54	178	2253837	38.457	ng		96
71) Anthracene	11.59	178	2274540	38.547	ng		94
72) Carbazole	11.75	167	2169032	35.349	ng		97
73) Di-n-butylphthalate	12.06	149	2571426	39.206	ng	#	95
74) Fluoranthene	12.73	202	2369375	37.676	ng		97
76) Benzidine	12.85	184	1449219	61.631	ng		99
77) Pyrene	12.96	202	2375134	42.526	ng		97
79) Butylbenzylphthalate	13.57	149	1090250	45.391	ng		96
80) Benzo(a)anthracene	14.15	228	1928294	40.299	ng		96
81) 3,3'-Dichlorobenzidine	14.11	252	420596	26.291	ng		97
82) Chrysene	14.19	228	1783157	38.794	ng		96
83) Bis(2-ethylhexyl)phthalate	14.12	149	1433426	42.296	ng		97
84) Di-n-octyl phthalate	14.74	149	2185492	41.487	ng		99
85) Indeno(1,2,3-cd)pyrene	17.27	276	2103702	54.002	ng		97
87) Benzo(b)fluoranthene	15.24	252	1676038	39.171	ng		98
88) Benzo(k)fluoranthene	15.27	252	1590086	37.931	ng		97
89) Benzo(a)pyrene	15.62	252	1615850	41.285	ng		98
90) Dibenzo(a,h)anthracene	17.28	278	1752364	51.794	ng		98
91) Benzo(g,h,i)perylene	17.75	276	1832600	54.913	ng		95

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

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