Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107578.D
Acq On : 21 Jul 2018 16:01
Operator : JU/SJ
Sample : PB111309BSD
Misc :
ALS Vial : 50 Sample Multiplier: 1

Quant Time: Jul 23 05:12:53 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 :
PB111309BSD

Manual Integrations APPROVED
Sohil
7/23/2018 12:45:06 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	295550	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	1109647	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	452797	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	797096	20.00	ng		0.00
75) Chrysene-d12	14.17	240	646812	20.00	ng		0.00
86) Perylene-d12	15.69	264	577727	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1592528	86.63	ng		0.00
7) Phenol-d6	6.61	99	1863500	84.43	ng		0.00
23) Nitrobenzene-d5	7.54	82	1726751	105.02	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	482673	93.74	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	2813068	118.20	ng		0.00
78) Terphenyl-d14	13.10	244	2273922	90.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	277347	32.416	ng	#	85
3) Pyridine	3.66	79	769132	33.044	ng		87
4) n-Nitrosodimethylamine	3.63	42	381838	38.896	ng		97
6) Aniline	6.64	93	798836	28.061	ng	#	87
8) 2-Chlorophenol	6.77	128	837019	42.501	ng		98
9) Benzaldehyde	6.52	77	363239	24.370	ng		98
10) Phenol	6.62	94	1010545	38.929	ng		97
11) bis(2-Chloroethyl)ether	6.71	93	827716	38.461	ng		92
12) 1,3-Dichlorobenzene	6.91	146	880708	39.443	ng		97
13) 1,4-Dichlorobenzene	6.99	146	917686	40.099	ng		99
14) 1,2-Dichlorobenzene	7.15	146	819836	39.918	ng		99
15) Benzyl Alcohol	7.12	79	659625	43.850	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1356691	37.367	ng		88
17) 2-Methylphenol	7.22	107	710314	42.436	ng		96
18) Hexachloroethane	7.48	117	289554	36.072	ng		99
19) n-Nitroso-di-n-propylamine	7.38	70	565905	39.688	ng		99
20) 3+4-Methylphenols	7.38	107	878994	44.224	ng	#	72
22) Acetophenone	7.38	105	1155997	44.359	ng	#	90
24) Nitrobenzene	7.56	77	872235	46.316	ng		98
25) Isophorone	7.80	82	1580949	45.032	ng		98
26) 2-Nitrophenol	7.87	139	436913	54.938	ng		96
27) 2,4-Dimethylphenol	7.91	122	744713	49.470	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	1027292	43.786	ng		99
29) 2,4-Dichlorophenol	8.12	162	700156	45.505	ng		99
30) 1,2,4-Trichlorobenzene	8.20	180	721015	41.722	ng		99
31) Naphthalene	8.28	128	2245149	46.011	ng		97
32) Benzoic acid	8.03	122	432272	42.262	ng		96
33) 4-Chloroaniline	8.34	127	251560	11.795	ng		98
34) Hexachlorobutadiene	8.39	225	420844	40.983	ng		99
35) Caprolactam	8.71	113	218675m	43.695	ng		
36) 4-Chloro-3-methylphenol	8.82	107	750435	43.907	ng		99
37) 2-Methylnaphthalene	8.97	142	1553397	45.940	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	722986	47.872	ng		97
40) Hexachlorocyclopentadiene	9.12	237	296137	38.573	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	453485	46.911	ng		97
43) 2,4,5-Trichlorophenol	9.30	196	488790	48.379	ng		99
45) 1,1'-Biphenyl	9.44	154	1849936	46.900	ng		98
46) 2-Chloronaphthalene	9.47	162	1370168	45.446	ng		99
47) 2-Nitroaniline	9.57	65	492459	56.027	ng		91
48) Acenaphthylene	9.88	152	2167935	47.867	ng		95
49) Dimethylphthalate	9.74	163	1641420	48.099	ng	#	98
50) 2,6-Dinitrotoluene	9.80	165	351380	51.862	ng		92
51) Acenaphthene	10.05	154	1213733	42.771	ng		99
52) 3-Nitroaniline	9.98	138	255803	31.034	ng		96
53) 2,4-Dinitrophenol	10.08	184	149813	55.979	ng	#	25
54) Dibenzofuran	10.22	168	1869693	44.754	ng		96
55) 4-Nitrophenol	10.14	139	530266	85.925	ng		93
56) 2,4-Dinitrotoluene	10.21	165	427551	52.278	ng		96
57) Fluorene	10.57	166	1430619	48.000	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	396308	47.131	ng	#	86
59) Diethylphthalate	10.43	149	1635020	45.875	ng		97
60) 4-Chlorophenyl-phenylether	10.56	204	727437	43.173	ng		90
61) 4-Nitroaniline	10.60	138	321906	46.484	ng		95
62) Azobenzene	10.72	77	1446132	43.272	ng		92
64) 4,6-Dinitro-2-methylphenol	10.61	198	109126	31.911	ng		92
65) n-Nitrosodiphenylamine	10.68	169	1308690	48.342	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	434301	46.285	ng		93
67) Hexachlorobenzene	11.12	284	453079	43.885	ng	#	85
68) Atrazine	11.20	200	399178	48.295	ng		97
69) Pentachlorophenol	11.31	266	462293	71.687	ng		98
70) Phenanthrene	11.54	178	1798211	46.295	ng		97
71) Anthracene	11.59	178	1922533	49.159	ng		97
72) Carbazole	11.75	167	1778906	43.742	ng		97
73) Di-n-butylphthalate	12.06	149	2187853	56.383	ng		98
74) Fluoranthene	12.73	202	1910196	45.829	ng		98
76) Benzidine	12.85	184	1143313	61.379	ng		99
77) Pyrene	12.96	202	1916462	43.317	ng		98
79) Butylbenzylphthalate	13.57	149	908746	47.761	ng		95
80) Benzo(a)anthracene	14.15	228	1792500	47.290	ng		98
81) 3,3'-Dichlorobenzidine	14.11	252	582916	55.461	ng		99
82) Chrysene	14.19	228	1697760	46.628	ng		98
83) Bis(2-ethylhexyl)phthalate	14.12	149	1185621	44.163	ng		100
84) Di-n-octyl phthalate	14.74	149	2083374	49.926	ng		100
85) Indeno(1,2,3-cd)pyrene	17.28	276	1477128	47.866	ng		96
87) Benzo(b)fluoranthene	15.24	252	1558432	49.289	ng		97
88) Benzo(k)fluoranthene	15.27	252	1524748	49.222	ng		98
89) Benzo(a)pyrene	15.63	252	1435372	49.629	ng		97
90) Dibenzo(a,h)anthracene	17.29	278	1242243	49.687	ng		97
91) Benzo(g,h,i)perylene	17.75	276	1203626	48.807	ng		95

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

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