Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102043.D
Acq On : 12 Jan 2018 15:24
Operator : SJ/JU
Sample : PB105599BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB105599BS

Manual Integrations APPROVED
Sohil
1/15/2018 4:22:55 PM

Quant Time: Jan 12 22:08:05 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	224075	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	933308	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	407844	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	705216	20.00	ng		0.00
75) Chrysene-d12	13.88	240	464833	20.00	ng		0.00
86) Perylene-d12	15.29	264	369819	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1755204	110.61	ng		0.02
7) Phenol-d6	6.37	99	2124066	112.19	ng		0.00
23) Nitrobenzene-d5	7.30	82	1374401	86.54	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	433435	121.78	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	2170976	83.16	ng		0.00
78) Terphenyl-d14	12.83	244	1899393	84.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	265931	33.581	ng		94
3) Pyridine	3.19	79	754627	34.894	ng		95
4) n-Nitrosodimethylamine	3.15	42	373441	41.236	ng		98
6) Aniline	6.39	93	701381	26.287	ng		97
8) 2-Chlorophenol	6.52	128	641385	40.301	ng		99
9) Benzaldehyde	6.27	77	123907	9.426	ng		95
10) Phenol	6.38	94	779948	36.453	ng		88
11) bis(2-Chloroethyl)ether	6.47	93	626257	38.455	ng		99
12) 1,3-Dichlorobenzene	6.67	146	687903	37.496	ng		99
13) 1,4-Dichlorobenzene	6.75	146	690046	37.693	ng		100
14) 1,2-Dichlorobenzene	6.90	146	630835	37.230	ng		99
15) Benzyl Alcohol	6.87	79	526001	37.982	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	1147019	38.208	ng		98
17) 2-Methylphenol	6.99	107	567980	39.562	ng		98
18) Hexachloroethane	7.24	117	256593	39.803	ng		95
19) n-Nitroso-di-n-propylamine	7.15	70	452229	36.449	ng		94
20) 3+4-Methylphenols	7.14	107	626657	36.353	ng	#	76
22) Acetophenone	7.15	105	879241	39.099	ng	#	89
24) Nitrobenzene	7.32	77	689216	40.385	ng		99
25) Isophorone	7.56	82	1305147	41.589	ng		100
26) 2-Nitrophenol	7.63	139	376446	52.701	ng		98
27) 2,4-Dimethylphenol	7.67	122	606221	45.443	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	806357	42.555	ng		100
29) 2,4-Dichlorophenol	7.87	162	547106	43.191	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	528657	39.900	ng		98
31) Naphthalene	8.03	128	1816197	38.944	ng		99
32) Benzoic acid	7.80	122	461411m	45.613	ng		
33) 4-Chloroaniline	8.08	127	289345	14.536	ng		98
34) Hexachlorobutadiene	8.15	225	273357	38.977	ng		97
35) Caprolactam	8.47	113	215464m	49.548	ng		
36) 4-Chloro-3-methylphenol	8.57	107	595138	42.921	ng		98
37) 2-Methylnaphthalene	8.72	142	1244082	40.522	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	456901	39.599	ng		97
40) Hexachlorocyclopentadiene	8.87	237	568033	90.019	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	359925	45.267	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	369190	41.082	ng		96
45) 1,1'-Biphenyl	9.19	154	1414726	39.244	ng		99
46) 2-Chloronaphthalene	9.22	162	1089089	38.959	ng		97
47) 2-Nitroaniline	9.31	65	382244	45.648	ng		93
48) Acenaphthylene	9.63	152	1670699	37.659	ng		100
49) Dimethylphthalate	9.50	163	1286687	39.327	ng		100
50) 2,6-Dinitrotoluene	9.56	165	297156	45.469	ng		98
51) Acenaphthene	9.80	154	993533	36.898	ng		99
52) 3-Nitroaniline	9.72	138	238042	28.860	ng		97
53) 2,4-Dinitrophenol	9.83	184	296174	114.410	ng	#	20
54) Dibenzofuran	9.97	168	1438751	38.932	ng		99
55) 4-Nitrophenol	9.89	139	539510	87.772	ng		97
56) 2,4-Dinitrotoluene	9.96	165	388250	47.398	ng	#	95
57) Fluorene	10.32	166	1049528	41.083	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	287397	44.921	ng		99
59) Diethylphthalate	10.20	149	1248195	38.353	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	456391	41.954	ng		97
61) 4-Nitroaniline	10.35	138	346235	44.232	ng		90
62) Azobenzene	10.47	77	1268578	39.178	ng		97
64) 4,6-Dinitro-2-methylphenol	10.36	198	179858	47.082	ng		96
65) n-Nitrosodiphenylamine	10.43	169	1029628	38.990	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	304384	40.871	ng		91
67) Hexachlorobenzene	10.86	284	322695	39.690	ng		92
68) Atrazine	10.96	200	326735	42.813	ng		98
69) Pentachlorophenol	11.05	266	363265	73.272	ng		98
70) Phenanthrene	11.27	178	1551510	37.664	ng		99
71) Anthracene	11.32	178	1648661	39.462	ng		99
72) Carbazole	11.48	167	1541703	37.544	ng		99
73) Di-n-butylphthalate	11.82	149	1902047	37.754	ng		99
74) Fluoranthene	12.46	202	1579050	38.961	ng		99
76) Benzidine	12.58	184	511985	22.809	ng		98
77) Pyrene	12.69	202	1621856	39.472	ng		99
79) Butylbenzylphthalate	13.31	149	787837	41.781	ng		98
80) Benzo(a)anthracene	13.87	228	1129567	38.087	ng		100
81) 3,3'-Dichlorobenzidine	13.84	252	322569	29.375	ng		99
82) Chrysene	13.91	228	1188427	38.430	ng		100
83) Bis(2-ethylhexyl)phthalate	13.87	149	849316	39.263	ng		98
84) Di-n-octyl phthalate	14.48	149	1585976	44.183	ng		98
85) Indeno(1,2,3-cd)pyrene	16.67	276	922218	40.973	ng		96
87) Benzo(b)fluoranthene	14.89	252	998216	41.397	ng		98
88) Benzo(k)fluoranthene	14.92	252	960301	41.283	ng		99
89) Benzo(a)pyrene	15.24	252	910255	41.950	ng		98
90) Dibenzo(a,h)anthracene	16.69	278	759881	43.883	ng		97
91) Benzo(g,h,i)perylene	17.09	276	800120	45.871	ng		98

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

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