Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103129.D
Acq On : 21 Feb 2018 12:03
Operator : SJ/JU
Sample : PB106699BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 21 12:37:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB106699BS

Manual Integrations APPROVED
Sohil
2/22/2018 9:04:56 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	199728	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	837417	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	388138	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	651475	20.00	ng		0.00
75) Chrysene-d12	14.06	240	467728	20.00	ng		0.00
86) Perylene-d12	15.54	264	438830	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1453207	110.50	ng		0.02
7) Phenol-d6	6.52	99	1768935	111.71	ng		0.01
23) Nitrobenzene-d5	7.45	82	1160778	96.16	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	359952	115.22	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1814705	77.58	ng		0.00
78) Terphenyl-d14	12.99	244	1592915	80.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.74	88	226449	34.861	ng		89
3) Pyridine	3.52	79	653850	36.432	ng		91
4) n-Nitrosodimethylamine	3.47	42	316815	41.259	ng		99
6) Aniline	6.55	93	382038	16.337	ng		95
8) 2-Chlorophenol	6.67	128	530867	39.208	ng		97
9) Benzaldehyde	6.43	77	349678	29.735	ng		98
10) Phenol	6.53	94	653779	38.524	ng		93
11) bis(2-Chloroethyl)ether	6.62	93	539759	38.223	ng		92
12) 1,3-Dichlorobenzene	6.82	146	565697	36.080	ng		98
13) 1,4-Dichlorobenzene	6.89	146	570780	36.545	ng		99
14) 1,2-Dichlorobenzene	7.05	146	509927	35.053	ng		97
15) Benzyl Alcohol	7.02	79	462679	38.004	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	934103	34.822	ng		93
17) 2-Methylphenol	7.13	107	474932	38.028	ng		97
18) Hexachloroethane	7.39	117	215533	40.243	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	365513	35.009	ng		96
20) 3+4-Methylphenols	7.29	107	526226	34.168	ng	#	69
22) Acetophenone	7.29	105	701810	34.247	ng	#	88
24) Nitrobenzene	7.46	77	589874	41.536	ng		98
25) Isophorone	7.70	82	1133916	40.793	ng		98
26) 2-Nitrophenol	7.78	139	322699	53.996	ng		94
27) 2,4-Dimethylphenol	7.82	122	531021	45.218	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	702528	42.664	ng		99
29) 2,4-Dichlorophenol	8.02	162	462174	43.292	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	449042	37.181	ng		98
31) Naphthalene	8.19	128	1524176	37.253	ng		100
32) Benzoic acid	7.93	122	177977	27.678	ng		97
33) 4-Chloroaniline	8.23	127	109691	6.223	ng		98
34) Hexachlorobutadiene	8.29	225	227252	36.721	ng		98
35) Caprolactam	8.62	113	159679m	43.069	ng		
36) 4-Chloro-3-methylphenol	8.72	107	516904	43.093	ng		97
37) 2-Methylnaphthalene	8.87	142	1023775	38.219	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	387070	36.625	ng		99
40) Hexachlorocyclopentadiene	9.02	237	318648	63.426	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	291300	41.965	ng		97
43) 2,4,5-Trichlorophenol	9.20	196	307024	39.242	ng		97
45) 1,1'-Biphenyl	9.34	154	1145595	35.042	ng		99
46) 2-Chloronaphthalene	9.36	162	940847	36.556	ng		98
47) 2-Nitroaniline	9.46	65	354311	44.858	ng		90
48) Acenaphthylene	9.78	152	1408749	35.241	ng		99
49) Dimethylphthalate	9.64	163	1137069	37.572	ng		100
50) 2,6-Dinitrotoluene	9.70	165	251935	43.756	ng		95
51) Acenaphthene	9.95	154	807248	33.768	ng		98
52) 3-Nitroaniline	9.87	138	109542	15.462	ng		99
53) 2,4-Dinitrophenol	9.99	184	155750	80.245	ng	#	19
54) Dibenzofuran	10.13	168	1200782	35.642	ng		98
55) 4-Nitrophenol	10.05	139	398512	69.030	ng		93
56) 2,4-Dinitrotoluene	10.11	165	322157	42.122	ng		95
57) Fluorene	10.47	166	920466	37.552	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	226210	41.716	ng		100
59) Diethylphthalate	10.34	149	1053455	35.253	ng		98
60) 4-Chlorophenyl-phenylether	10.46	204	416485	38.409	ng		98
61) 4-Nitroaniline	10.50	138	290248	43.041	ng		92
62) Azobenzene	10.62	77	1086327	36.389	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	131033	48.245	ng		94
65) n-Nitrosodiphenylamine	10.58	169	840424	36.573	ng		98
66) 4-Bromophenyl-phenylether	10.95	248	262338	38.067	ng		96
67) Hexachlorobenzene	11.02	284	281087	36.973	ng		98
68) Atrazine	11.10	200	267597	39.473	ng		98
69) Pentachlorophenol	11.22	266	248552	55.694	ng		98
70) Phenanthrene	11.43	178	1286503	35.458	ng		99
71) Anthracene	11.49	178	1338402	36.268	ng		99
72) Carbazole	11.64	167	1311406	36.273	ng		99
73) Di-n-butylphthalate	11.96	149	1634925	37.228	ng		100
74) Fluoranthene	12.62	202	1326190	36.329	ng		98
76) Benzidine	12.74	184	644312	29.972	ng		98
77) Pyrene	12.85	202	1349177	36.785	ng		99
79) Butylbenzylphthalate	13.46	149	722423	41.323	ng		95
80) Benzo(a)anthracene	14.04	228	1174259	39.919	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	219770	20.150	ng		98
82) Chrysene	14.09	228	1075049	36.255	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	964289	42.918	ng		100
84) Di-n-octyl phthalate	14.64	149	1593513	47.234	ng		100
85) Indeno(1,2,3-cd)pyrene	17.07	276	979629	39.833	ng		98
87) Benzo(b)fluoranthene	15.11	252	1137152	39.969	ng		97
88) Benzo(k)fluoranthene	15.14	252	940209	34.586	ng		99
89) Benzo(a)pyrene	15.49	252	980352	38.281	ng	#	96
90) Dibenzo(a,h)anthracene	17.07	278	798022	38.392	ng		98
91) Benzo(g,h,i)perylene	17.53	276	835818	41.081	ng		98

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

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