Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102661.D
Acq On : 31 Jan 2018 18:15
Operator : SJ/JU
Sample : PB106208BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 01 00:12:57 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 18:38:00 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB106208BS

Manual Integrations APPROVED
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2/1/2018 12:14:03 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	155554	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	670605	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	310552	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	544423	20.00	ng		0.00
75) Chrysene-d12	13.87	240	419061	20.00	ng		0.00
86) Perylene-d12	15.29	264	347593	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1202653	117.23	ng		0.01
7) Phenol-d6	6.36	99	1437849	116.25	ng		0.00
23) Nitrobenzene-d5	7.27	82	908036	77.81	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	299771	97.42	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1575349	74.59	ng		0.00
78) Terphenyl-d14	12.81	244	1503893	80.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	184611	37.874	ng		98
3) Pyridine	3.12	79	483177	37.931	ng		99
4) n-Nitrosodimethylamine	3.09	42	226860	45.427	ng		98
6) Aniline	6.37	93	304800	18.632	ng	#	1
8) 2-Chlorophenol	6.50	128	461186	42.884	ng		94
9) Benzaldehyde	6.26	77	180663	22.982	ng		96
10) Phenol	6.37	94	531616	39.371	ng		86
11) bis(2-Chloroethyl)ether	6.45	93	428159	41.691	ng		98
12) 1,3-Dichlorobenzene	6.64	146	481868	37.675	ng		97
13) 1,4-Dichlorobenzene	6.72	146	482422	37.654	ng		99
14) 1,2-Dichlorobenzene	6.87	146	445321	38.000	ng		97
15) Benzyl Alcohol	6.86	79	338729	38.816	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	656061	38.089	ng	#	40
17) 2-Methylphenol	6.97	107	371163	39.740	ng	#	90
18) Hexachloroethane	7.21	117	173040	38.759	ng		98
19) n-Nitroso-di-n-propylamine	7.13	70	302976	40.029	ng		98
20) 3+4-Methylphenols	7.13	107	482947	43.965	ng		96
22) Acetophenone	7.12	105	627328	39.242	ng	#	98
24) Nitrobenzene	7.29	77	467609	39.156	ng		99
25) Isophorone	7.53	82	863131	41.489	ng		98
26) 2-Nitrophenol	7.61	139	256984	40.887	ng		94
27) 2,4-Dimethylphenol	7.65	122	410373	44.965	ng		99
28) bis(2-Chloroethoxy)methane	7.74	93	545618	42.457	ng		99
29) 2,4-Dichlorophenol	7.86	162	385995	41.520	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	365021	36.629	ng		99
31) Naphthalene	8.01	128	1278398	38.181	ng		100
32) Benzoic acid	7.82	122	241723	31.613	ng		97
33) 4-Chloroaniline	8.07	127	117360	8.335	ng		97
34) Hexachlorobutadiene	8.12	225	188690	35.451	ng		99
35) Caprolactam	8.45	113	133277m	43.409	ng		
36) 4-Chloro-3-methylphenol	8.57	107	410115	41.852	ng		98
37) 2-Methylnaphthalene	8.70	142	867453	38.902	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	340605	36.455	ng		99
40) Hexachlorocyclopentadiene	8.85	237	215413	51.518	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	233030	37.257	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	251643	35.733	ng		98
45) 1,1'-Biphenyl	9.16	154	1015714	36.578	ng		99
46) 2-Chloronaphthalene	9.19	162	776335	35.968	ng		98
47) 2-Nitroaniline	9.30	65	264816	39.354	ng		99
48) Acenaphthylene	9.60	152	1176410	34.985	ng		99
49) Dimethylphthalate	9.47	163	930184	36.238	ng		99
50) 2,6-Dinitrotoluene	9.54	165	210261	37.993	ng		97
51) Acenaphthene	9.77	154	704617	35.879	ng		100
52) 3-Nitroaniline	9.71	138	122987	18.785	ng		91
53) 2,4-Dinitrophenol	9.83	184	165361	67.214	ng	#	18
54) Dibenzofuran	9.95	168	1006465	37.867	ng		97
55) 4-Nitrophenol	9.90	139	250235	57.903	ng		95
56) 2,4-Dinitrotoluene	9.95	165	254229	37.355	ng	#	95
57) Fluorene	10.29	166	824631	39.154	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.07	232	195378	38.857	ng		96
59) Diethylphthalate	10.17	149	905857	36.316	ng		97
60) 4-Chlorophenyl-phenylether	10.28	204	354655	38.840	ng		98
61) 4-Nitroaniline	10.33	138	226486	34.668	ng		89
62) Azobenzene	10.44	77	874625	38.297	ng		98
64) 4,6-Dinitro-2-methylphenol	10.36	198	122302	33.672	ng		86
65) n-Nitrosodiphenylamine	10.40	169	756512	37.859	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	225830	38.533	ng		93
67) Hexachlorobenzene	10.83	284	226898	34.617	ng		97
68) Atrazine	10.93	200	242428	41.077	ng		97
69) Pentachlorophenol	11.04	266	181910	52.832	ng		98
70) Phenanthrene	11.25	178	1186058	37.386	ng		100
71) Anthracene	11.30	178	1237292	38.210	ng		100
72) Carbazole	11.46	167	1197581	37.910	ng		99
73) Di-n-butylphthalate	11.78	149	1457158	36.902	ng		99
74) Fluoranthene	12.44	202	1238888	38.295	ng		99
76) Benzidine	12.56	184	426350	30.285	ng		98
77) Pyrene	12.67	202	1248132	38.522	ng		99
79) Butylbenzylphthalate	13.28	149	646371	40.087	ng		96
80) Benzo(a)anthracene	13.86	228	1056369	40.944	ng		100
81) 3,3'-Dichlorobenzidine	13.82	252	217205	22.950	ng		99
82) Chrysene	13.89	228	1014897	38.737	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	860784	39.724	ng		99
84) Di-n-octyl phthalate	14.44	149	1398127	39.675	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	754967	34.891	ng		97
87) Benzo(b)fluoranthene	14.89	252	936293	41.559	ng		98
88) Benzo(k)fluoranthene	14.91	252	786678	36.959	ng		99
89) Benzo(a)pyrene	15.23	252	800472	39.395	ng		98
90) Dibenzo(a,h)anthracene	16.69	278	619551	37.641	ng		96
91) Benzo(g,h,i)perylene	17.11	276	654862	40.295	ng		99

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