Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102754.D
Acq On : 5 Feb 2018 23:30
Operator : SJ/JU
Sample : PB106322BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106322BS

Manual Integrations APPROVED
Sohil
2/6/2018 2:25:49 PM

Quant Time: Feb 06 02:33:57 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	190024	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	784817	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	339438	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	520446	20.00	ng		0.00
75) Chrysene-d12	14.04	240	292185	20.00	ng		0.00
86) Perylene-d12	15.52	264	282455	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1521667	121.61	ng		0.02
7) Phenol-d6	6.51	99	1811502	120.24	ng		0.00
23) Nitrobenzene-d5	7.45	82	1151932	101.82	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	347651	127.25	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1872582	91.54	ng		0.00
78) Terphenyl-d14	12.99	244	1303554	105.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	231625	37.478	ng	#	86
3) Pyridine	3.52	79	649518	38.039	ng		88
4) n-Nitrosodimethylamine	3.47	42	335274	45.893	ng		95
6) Aniline	6.55	93	400002	17.978	ng		96
8) 2-Chlorophenol	6.67	128	561727	43.606	ng		96
9) Benzaldehyde	6.43	77	230422	20.595	ng		94
10) Phenol	6.53	94	709700	43.955	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	561734	41.811	ng		90
12) 1,3-Dichlorobenzene	6.82	146	603696	40.469	ng		97
13) 1,4-Dichlorobenzene	6.90	146	605417	40.742	ng		99
14) 1,2-Dichlorobenzene	7.05	146	560790	40.518	ng		99
15) Benzyl Alcohol	7.02	79	498419	43.030	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1041596	40.812	ng		96
17) 2-Methylphenol	7.13	107	496987	41.826	ng		99
18) Hexachloroethane	7.39	117	202817	39.802	ng		93
19) n-Nitroso-di-n-propylamine	7.30	70	392498	39.513	ng		95
20) 3+4-Methylphenols	7.28	107	579493	39.548	ng	#	88
22) Acetophenone	7.29	105	774310	40.318	ng		95
24) Nitrobenzene	7.46	77	606964	45.611	ng		98
25) Isophorone	7.70	82	1135629	43.593	ng		100
26) 2-Nitrophenol	7.78	139	302537	54.012	ng		97
27) 2,4-Dimethylphenol	7.82	122	537262	48.816	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	704292	45.638	ng		99
29) 2,4-Dichlorophenol	8.02	162	465193	46.495	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	469563	41.486	ng		98
31) Naphthalene	8.19	128	1593640	41.561	ng		99
32) Benzoic acid	7.93	122	319212m	42.962	ng		
33) 4-Chloroaniline	8.23	127	157650	9.544	ng		99
34) Hexachlorobutadiene	8.30	225	236593	40.792	ng		99
35) Caprolactam	8.61	113	162992m	46.909	ng		
36) 4-Chloro-3-methylphenol	8.72	107	510116	45.378	ng		95
37) 2-Methylnaphthalene	8.88	142	1056198	42.072	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	404762	43.794	ng		98
40) Hexachlorocyclopentadiene	9.03	237	193171	43.967	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	300648	49.525	ng		97
43) 2,4,5-Trichlorophenol	9.19	196	311833	45.575	ng		98
45) 1,1'-Biphenyl	9.35	154	1204328	42.124	ng		99
46) 2-Chloronaphthalene	9.37	162	946727	42.062	ng		99
47) 2-Nitroaniline	9.46	65	340868	49.000	ng		90
48) Acenaphthylene	9.79	152	1409631	40.323	ng		99
49) Dimethylphthalate	9.65	163	1145840	43.294	ng		100
50) 2,6-Dinitrotoluene	9.70	165	249028	49.456	ng		96
51) Acenaphthene	9.96	154	873157	41.765	ng		98
52) 3-Nitroaniline	9.87	138	167582	27.048	ng		99
53) 2,4-Dinitrophenol	9.97	184	79377	58.369	ng	#	19
54) Dibenzofuran	10.13	168	1241476	42.137	ng		97
55) 4-Nitrophenol	10.03	139	413901	81.227	ng		94
56) 2,4-Dinitrotoluene	10.11	165	324425	48.038	ng	#	92
57) Fluorene	10.47	166	898522	41.916	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	230142	48.531	ng		99
59) Diethylphthalate	10.35	149	1100778	42.122	ng		98
60) 4-Chlorophenyl-phenylether	10.46	204	412688	43.520	ng		98
61) 4-Nitroaniline	10.49	138	228510	38.748	ng		94
62) Azobenzene	10.62	77	1055092	40.414	ng		97
64) 4,6-Dinitro-2-methylphenol	10.51	198	59426	32.325	ng		95
65) n-Nitrosodiphenylamine	10.58	169	861541	46.931	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	261084	47.424	ng		97
67) Hexachlorobenzene	11.02	284	266870	43.941	ng		96
68) Atrazine	11.10	200	255620	47.200	ng		98
69) Pentachlorophenol	11.21	266	260788	73.148	ng		98
70) Phenanthrene	11.43	178	1210914	41.777	ng		99
71) Anthracene	11.49	178	1243499	42.180	ng		99
72) Carbazole	11.64	167	1143147	39.580	ng		99
73) Di-n-butylphthalate	11.96	149	1620309	46.184	ng		100
74) Fluoranthene	12.62	202	1049533	35.989	ng		100
76) Benzidine	12.74	184	436617	32.513	ng		99
77) Pyrene	12.85	202	1036376	45.233	ng		100
79) Butylbenzylphthalate	13.46	149	571881	52.092	ng		99
80) Benzo(a)anthracene	14.03	228	812478	44.215	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	287886	42.254	ng		98
82) Chrysene	14.07	228	783702	42.308	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	774904	55.210	ng		99
84) Di-n-octyl phthalate	14.63	149	1240432	58.859	ng		98
85) Indeno(1,2,3-cd)pyrene	17.02	276	701099	45.635	ng		99
87) Benzo(b)fluoranthene	15.09	252	833085	45.492	ng		98
88) Benzo(k)fluoranthene	15.12	252	758582	43.354	ng		98
89) Benzo(a)pyrene	15.46	252	761327	46.187	ng		98
90) Dibenzo(a,h)anthracene	17.03	278	605774	45.277	ng		99
91) Benzo(g,h,i)perylene	17.47	276	559867	42.753	ng		97

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

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