Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
Data File : BF102807.D
Acq On : 7 Feb 2018 11:32
Operator : SJ/JU
Sample : PB106326BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106326BS

Manual Integrations APPROVED
Sohil
4/13/2018 4:48:33 PM

Quant Time: Apr 13 16:18:35 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 16:01:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	191110	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	803559	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	365270	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	645001	20.00	ng		0.01
75) Chrysene-d12	14.05	240	420383	20.00	ng		0.01
86) Perylene-d12	15.53	264	344075	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1428973	113.55	ng		0.02
7) Phenol-d6	6.52	99	1732023	114.31	ng		0.02
23) Nitrobenzene-d5	7.45	82	1078301	93.09	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	386732	131.54	ng		0.01
44) 2-Fluorobiphenyl	9.25	172	1836510	83.43	ng		0.00
78) Terphenyl-d14	13.00	244	1677765	94.50	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.74	88	208510	33.546	ng		87
3) Pyridine	3.52	79	617665	35.968	ng		91
4) n-Nitrosodimethylamine	3.46	42	297781	40.529	ng		96
6) Aniline	6.55	93	507255	22.669	ng		95
8) 2-Chlorophenol	6.67	128	525692	40.577	ng		95
9) Benzaldehyde	6.43	77	166653	14.810	ng		93
10) Phenol	6.53	94	674234	41.763	ng		98
11) bis(2-Chloroethyl)ether	6.62	93	509941	37.740	ng		90
12) 1,3-Dichlorobenzene	6.82	146	550772	36.712	ng		98
13) 1,4-Dichlorobenzene	6.90	146	552464	36.967	ng		100
14) 1,2-Dichlorobenzene	7.05	146	512611	36.826	ng		100
15) Benzyl Alcohol	7.02	79	477005	40.947	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	936974	36.504	ng		97
17) 2-Methylphenol	7.13	107	464912	38.904	ng		99
18) Hexachloroethane	7.39	117	204273	39.860	ng		94
19) n-Nitroso-di-n-propylamine	7.30	70	361606	36.196	ng		95
20) 3+4-Methylphenols	7.29	107	538834	36.564	ng	#	75
22) Acetophenone	7.29	105	717364	36.481	ng	#	93
24) Nitrobenzene	7.46	77	568012	41.682	ng		98
25) Isophorone	7.70	82	1054367	39.529	ng		100
26) 2-Nitrophenol	7.78	139	304287	53.210	ng		98
27) 2,4-Dimethylphenol	7.82	122	506088	44.911	ng		100
28) bis(2-Chloroethoxy)methane	7.91	93	650363	41.160	ng		99
29) 2,4-Dichlorophenol	8.02	162	451037	44.029	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	433084	37.371	ng		98
31) Naphthalene	8.19	128	1497961	38.155	ng		99
32) Benzoic acid	7.95	122	396560	49.291	ng		99
33) 4-Chloroaniline	8.23	127	232292	13.735	ng		99
34) Hexachlorobutadiene	8.30	225	218229	36.749	ng		98
35) Caprolactam	8.62	113	159757m	44.906	ng		
36) 4-Chloro-3-methylphenol	8.72	107	500985	43.526	ng		97
37) 2-Methylnaphthalene	8.88	142	1009810	39.286	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	375484	37.753	ng		98
40) Hexachlorocyclopentadiene	9.03	237	399580	84.514	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	303455	46.453	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	315953	42.912	ng		98
45) 1,1'-Biphenyl	9.35	154	1163145	37.807	ng		98
46) 2-Chloronaphthalene	9.37	162	942431	38.910	ng		99
47) 2-Nitroaniline	9.46	65	352377	47.209	ng		88
48) Acenaphthylene	9.79	152	1420271	37.754	ng		99
49) Dimethylphthalate	9.65	163	1113107	39.083	ng		100
50) 2,6-Dinitrotoluene	9.70	165	253897	46.857	ng		92
51) Acenaphthene	9.96	154	956006	42.494	ng		98
52) 3-Nitroaniline	9.87	138	188243	28.234	ng		94
53) 2,4-Dinitrophenol	9.98	184	218211	101.033	ng	#	19
54) Dibenzofuran	10.13	168	1262249	39.812	ng		97
55) 4-Nitrophenol	10.04	139	459268	83.631	ng		96
56) 2,4-Dinitrotoluene	10.11	165	349369	48.071	ng		97
57) Fluorene	10.47	166	942962	40.878	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	239883	47.007	ng		99
59) Diethylphthalate	10.35	149	1129241	40.155	ng		97
60) 4-Chlorophenyl-phenylether	10.46	204	418406	41.002	ng		99
61) 4-Nitroaniline	10.49	138	277391	43.710	ng		95
62) Azobenzene	10.62	77	1073760	38.220	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	147393	52.982	ng		94
65) n-Nitrosodiphenylamine	10.58	169	894622	39.322	ng		98
66) 4-Bromophenyl-phenylether	10.95	248	275796	40.422	ng		96
67) Hexachlorobenzene	11.02	284	290658	38.616	ng	#	91
68) Atrazine	11.11	200	275449	41.039	ng		99
69) Pentachlorophenol	11.22	266	309247	69.990	ng		98
70) Phenanthrene	11.44	178	1384128	38.531	ng		99
71) Anthracene	11.49	178	1432944	39.220	ng		100
72) Carbazole	11.64	167	1345490	37.590	ng		99
73) Di-n-butylphthalate	11.97	149	1697383	39.038	ng		99
74) Fluoranthene	12.62	202	1424295	39.408	ng		98
76) Benzidine	12.74	184	159061	8.233	ng		97
77) Pyrene	12.85	202	1410545	42.790	ng		99
79) Butylbenzylphthalate	13.47	149	703502	44.688	ng		95
80) Benzo(a)anthracene	14.04	228	1108188	41.916	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	270149	27.559	ng		95
82) Chrysene	14.08	228	1056376	39.637	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	866699	42.919	ng		100
84) Di-n-octyl phthalate	14.63	149	1331033	43.897	ng		99
85) Indeno(1,2,3-cd)pyrene	17.02	276	949936	42.976	ng		99
87) Benzo(b)fluoranthene	15.09	252	973313	43.631	ng		97
88) Benzo(k)fluoranthene	15.12	252	821320	38.533	ng		99
89) Benzo(a)pyrene	15.46	252	862580	42.958	ng	#	97
90) Dibenzo(a,h)anthracene	17.04	278	776678	47.655	ng		100
91) Benzo(g,h,i)perylene	17.48	276	823452	51.620	ng		97

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

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