Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102153.D
Acq On : 17 Jan 2018 16:45
Operator : SJ/JU
Sample : PB105727BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB105727BS

Manual Integrations APPROVED
Sohil
1/18/2018 11:12:24 AM

Quant Time: Jan 18 01:49:25 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	147740	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	616077	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	274554	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	437676	20.00	ng		0.00
75) Chrysene-d12	13.87	240	252543	20.00	ng		0.00
86) Perylene-d12	15.29	264	254679	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1205732	115.24	ng		0.02
7) Phenol-d6	6.37	99	1462933	117.19	ng		0.01
23) Nitrobenzene-d5	7.29	82	926800	88.40	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	317396	132.47	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1641732	93.42	ng		0.00
78) Terphenyl-d14	12.83	244	1213943	99.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	163114	31.240	ng		95
3) Pyridine	3.18	79	456467	32.013	ng		92
4) n-Nitrosodimethylamine	3.14	42	230605	38.620	ng		90
6) Aniline	6.39	93	440944	25.065	ng		99
8) 2-Chlorophenol	6.51	128	446863	42.586	ng		99
9) Benzaldehyde	6.27	77	60037	6.927	ng		97
10) Phenol	6.38	94	520358	36.886	ng		79
11) bis(2-Chloroethyl)ether	6.47	93	407023	37.907	ng		100
12) 1,3-Dichlorobenzene	6.66	146	473590	39.152	ng		99
13) 1,4-Dichlorobenzene	6.74	146	482013	39.934	ng		99
14) 1,2-Dichlorobenzene	6.89	146	449617	40.245	ng		99
15) Benzyl Alcohol	6.87	79	367742	40.274	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	686780	34.697	ng		99
17) 2-Methylphenol	6.99	107	371927	39.291	ng		98
18) Hexachloroethane	7.23	117	174502	41.055	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	303946	37.155	ng		95
20) 3+4-Methylphenols	7.14	107	435906	38.353	ng	#	70
22) Acetophenone	7.14	105	613583	41.336	ng	#	88
24) Nitrobenzene	7.31	77	461274	40.946	ng		99
25) Isophorone	7.55	82	843659	40.726	ng		98
26) 2-Nitrophenol	7.62	139	255043	54.090	ng		99
27) 2,4-Dimethylphenol	7.67	122	401770	45.625	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	526200	42.069	ng		100
29) 2,4-Dichlorophenol	7.87	162	376753	45.058	ng		96
30) 1,2,4-Trichlorobenzene	7.95	180	371468	42.472	ng		99
31) Naphthalene	8.03	128	1268135	41.194	ng		99
32) Benzoic acid	7.81	122	284846	42.658	ng		97
33) 4-Chloroaniline	8.07	127	216873	16.506	ng		99
34) Hexachlorobutadiene	8.14	225	198935	42.971	ng		98
35) Caprolactam	8.47	113	130925m	45.610	ng		
36) 4-Chloro-3-methylphenol	8.57	107	402153	43.938	ng		99
37) 2-Methylnaphthalene	8.72	142	869724	42.915	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	352094	45.330	ng		99
40) Hexachlorocyclopentadiene	8.87	237	290062	68.284	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	245743	45.911	ng		97
43) 2,4,5-Trichlorophenol	9.05	196	258501	42.730	ng		99
45) 1,1'-Biphenyl	9.19	154	997459	41.102	ng		98
46) 2-Chloronaphthalene	9.21	162	765100	40.657	ng		99
47) 2-Nitroaniline	9.31	65	247513	43.908	ng		96
48) Acenaphthylene	9.62	152	1153930	38.639	ng		99
49) Dimethylphthalate	9.49	163	920117	41.776	ng		100
50) 2,6-Dinitrotoluene	9.55	165	204659	46.519	ng		99
51) Acenaphthene	9.79	154	682182	37.634	ng		100
52) 3-Nitroaniline	9.72	138	143304	25.809	ng		97
53) 2,4-Dinitrophenol	9.83	184	138837	82.298	ng	#	24
54) Dibenzofuran	9.97	168	1019623	40.986	ng		99
55) 4-Nitrophenol	9.89	139	343078	82.912	ng		95
56) 2,4-Dinitrotoluene	9.96	165	255377	46.312	ng		96
57) Fluorene	10.31	166	765796	44.529	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	197905	45.950	ng		98
59) Diethylphthalate	10.19	149	886315	40.455	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	339020	46.295	ng		96
61) 4-Nitroaniline	10.33	138	207414	39.362	ng		96
62) Azobenzene	10.46	77	811469	37.227	ng		96
64) 4,6-Dinitro-2-methylphenol	10.36	198	90133	39.107	ng		87
65) n-Nitrosodiphenylamine	10.42	169	714595	43.602	ng		100
66) 4-Bromophenyl-phenylether	10.79	248	211421	45.742	ng		91
67) Hexachlorobenzene	10.85	284	220441	43.687	ng		96
68) Atrazine	10.95	200	230867	48.743	ng		100
69) Pentachlorophenol	11.05	266	231740	75.316	ng		98
70) Phenanthrene	11.27	178	1042676	40.784	ng		98
71) Anthracene	11.32	178	1083046	41.770	ng		100
72) Carbazole	11.47	167	992264	38.935	ng		99
73) Di-n-butylphthalate	11.80	149	1315772	42.082	ng		99
74) Fluoranthene	12.45	202	932958	37.090	ng		97
76) Benzidine	12.57	184	478432	39.232	ng		98
77) Pyrene	12.68	202	906013	40.586	ng		99
79) Butylbenzylphthalate	13.30	149	455057	44.419	ng		100
80) Benzo(a)anthracene	13.86	228	641683	39.824	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	221999	37.210	ng		99
82) Chrysene	13.90	228	654581	38.960	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	543308	46.230	ng		99
84) Di-n-octyl phthalate	14.47	149	872973	44.764	ng		100
85) Indeno(1,2,3-cd)pyrene	16.67	276	711548	58.187	ng		99
87) Benzo(b)fluoranthene	14.89	252	662544	39.898	ng		100
88) Benzo(k)fluoranthene	14.92	252	620642	38.743	ng		98
89) Benzo(a)pyrene	15.23	252	636725	42.610	ng		99
90) Dibenzo(a,h)anthracene	16.69	278	587436	49.261	ng		97
91) Benzo(g,h,i)perylene	17.09	276	579082	48.208	ng		97

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

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