Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104447.D
Acq On : 12 Apr 2018 13:35
Operator : JU/SJ
Sample : PB108173BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB108173BS

Manual Integrations APPROVED
Sohil
4/13/2018 4:43:52 PM

Quant Time: Apr 12 17:13:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 12 17:07:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	139325	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	564007	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	262852	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	468900	20.00	ng		0.00
75) Chrysene-d12	13.99	240	290523	20.00	ng		0.00
86) Perylene-d12	15.45	264	247391	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1042362	114.40	ng		0.02
7) Phenol-d6	6.45	99	1280378	114.37	ng		0.00
23) Nitrobenzene-d5	7.38	82	817283	94.62	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	337405	123.74	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1411806	84.85	ng		0.00
78) Terphenyl-d14	12.93	244	1285265	100.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	138675	32.662	ng		90
3) Pyridine	3.35	79	403598	33.810	ng	#	86
4) n-Nitrosodimethylamine	3.30	42	167658	40.179	ng		79
6) Aniline	6.48	93	446792	28.725	ng		95
8) 2-Chlorophenol	6.60	128	399587	41.549	ng		98
9) Benzaldehyde	6.36	77	127598	18.726	ng		99
10) Phenol	6.46	94	488267	41.104	ng		91
11) bis(2-Chloroethyl)ether	6.55	93	383129	40.417	ng		96
12) 1,3-Dichlorobenzene	6.75	146	417717	38.339	ng		99
13) 1,4-Dichlorobenzene	6.83	146	418945	38.574	ng		99
14) 1,2-Dichlorobenzene	6.98	146	388680	38.618	ng		99
15) Benzyl Alcohol	6.96	79	338420	39.799	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	487543	38.298	ng		93
17) 2-Methylphenol	7.07	107	337482	40.369	ng		97
18) Hexachloroethane	7.32	117	154900	40.002	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	267278	36.534	ng		91
20) 3+4-Methylphenols	7.22	107	389937	37.609	ng	#	75
22) Acetophenone	7.23	105	523217	37.681	ng	#	98
24) Nitrobenzene	7.40	77	414844	43.502	ng		99
25) Isophorone	7.64	82	762327	41.737	ng		99
26) 2-Nitrophenol	7.71	139	223665	57.612	ng		99
27) 2,4-Dimethylphenol	7.75	122	361984	44.906	ng		100
28) bis(2-Chloroethoxy)methane	7.85	93	486547	43.568	ng		99
29) 2,4-Dichlorophenol	7.96	162	335809	43.661	ng		95
30) 1,2,4-Trichlorobenzene	8.04	180	340918	40.389	ng		99
31) Naphthalene	8.12	128	1129348	40.212	ng		99
32) Benzoic acid	7.89	122	273527	42.528	ng		97
33) 4-Chloroaniline	8.17	127	322706	26.821	ng		96
34) Hexachlorobutadiene	8.23	225	184001	39.797	ng		99
35) Caprolactam	8.56	113	110926m	41.342	ng		
36) 4-Chloro-3-methylphenol	8.65	107	360113	43.665	ng		98
37) 2-Methylnaphthalene	8.81	142	746158	41.073	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	320837	42.640	ng		99
40) Hexachlorocyclopentadiene	8.96	237	371486	88.189	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	232882	44.585	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	250560	42.867	ng		96
45) 1,1'-Biphenyl	9.27	154	889725	40.293	ng		99
46) 2-Chloronaphthalene	9.30	162	700062	40.138	ng		99
47) 2-Nitroaniline	9.40	65	219745	50.946	ng		97
48) Acenaphthylene	9.72	152	1069274	39.074	ng		100
49) Dimethylphthalate	9.58	163	837683	40.413	ng		99
50) 2,6-Dinitrotoluene	9.64	165	193161	50.362	ng		99
51) Acenaphthene	9.89	154	629105	37.679	ng		100
52) 3-Nitroaniline	9.81	138	152353	33.930	ng		98
53) 2,4-Dinitrophenol	9.92	184	194998	106.325	ng	#	20
54) Dibenzofuran	10.06	168	948561	40.766	ng		99
55) 4-Nitrophenol	9.98	139	326191	92.479	ng		95
56) 2,4-Dinitrotoluene	10.05	165	245618	48.821	ng	#	99
57) Fluorene	10.40	166	710974	41.979	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	195897	44.924	ng		96
59) Diethylphthalate	10.28	149	818473	39.648	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	331614	43.966	ng		98
61) 4-Nitroaniline	10.43	138	186886	42.567	ng		99
62) Azobenzene	10.56	77	774631	39.276	ng		95
64) 4,6-Dinitro-2-methylphenol	10.46	198	124075	53.363	ng	#	78
65) n-Nitrosodiphenylamine	10.52	169	668232	41.102	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	207593	41.622	ng		93
67) Hexachlorobenzene	10.95	284	230885	41.141	ng		91
68) Atrazine	11.04	200	212314	43.264	ng		99
69) Pentachlorophenol	11.14	266	246429	70.978	ng		96
70) Phenanthrene	11.37	178	1033659	39.584	ng		99
71) Anthracene	11.42	178	1070449	40.327	ng		100
72) Carbazole	11.57	167	940721	36.268	ng		99
73) Di-n-butylphthalate	11.90	149	1219365	38.484	ng		99
74) Fluoranthene	12.56	202	1023078	37.499	ng		99
77) Pyrene	12.79	202	1021274	47.425	ng		100
79) Butylbenzylphthalate	13.40	149	456584	45.005	ng		99
80) Benzo(a)anthracene	13.97	228	746233	42.995	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	211823	32.733	ng		98
82) Chrysene	14.02	228	717006	40.219	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	596052	45.677	ng		99
84) Di-n-octyl phthalate	14.59	149	889408	40.790	ng		96
85) Indeno(1,2,3-cd)pyrene	16.91	276	818199	54.027	ng		97
87) Benzo(b)fluoranthene	15.03	252	623289	39.891	ng		98
88) Benzo(k)fluoranthene	15.06	252	623942	42.298	ng		98
89) Benzo(a)pyrene	15.39	252	615240	44.008	ng		98
90) Dibenzo(a,h)anthracene	16.93	278	669631	58.320	ng		97
91) Benzo(g,h,i)perylene	17.36	276	707829	63.630	ng		96

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

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