Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
Data File : BF096570.D
Acq On : 7 Jul 2017 20:24
Operator : SJ/MA
Sample : PB100474BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB100474BS

Manual Integrations APPROVED
mohammad
7/10/2017 2:22:31 PM

Quant Time: Jul 08 00:21:38 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	101806	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	443068	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	199405	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	353867	20.00	ng		0.00
75) Chrysene-d12	13.84	240	235851	20.00	ng		0.00
86) Perylene-d12	15.23	264	211167	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	787053	114.11	ng		0.00
7) Phenol-d6	6.34	99	958563	113.04	ng		0.00
23) Nitrobenzene-d5	7.26	82	556522	75.48	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	204127	131.05	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1016115	87.13	ng		0.00
78) Terphenyl-d14	12.79	244	870391	78.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	97836	29.913	ng	#	75
3) Pyridine	3.08	79	275382	30.687	ng	#	64
4) n-Nitrosodimethylamine	3.02	42	165300	37.319	ng		86
6) Aniline	6.36	93	277651	25.334	ng	#	42
8) 2-Chlorophenol	6.49	128	287610	39.101	ng		99
9) Benzaldehyde	6.24	77	96319	18.150	ng		95
10) Phenol	6.35	94	347279	35.949	ng		83
11) bis(2-Chloroethyl)ether	6.43	93	275988	36.968	ng		92
12) 1,3-Dichlorobenzene	6.64	146	304413	39.470	ng		97
13) 1,4-Dichlorobenzene	6.72	146	305612	39.645	ng		97
14) 1,2-Dichlorobenzene	6.87	146	282445	39.906	ng		98
15) Benzyl Alcohol	6.84	79	234270	41.330	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	577523	38.052	ng		91
17) 2-Methylphenol	6.96	107	234414	39.989	ng		96
18) Hexachloroethane	7.21	117	108978	38.995	ng	#	79
19) n-Nitroso-di-n-propylamine	7.12	70	186320	36.883	ng	#	82
20) 3+4-Methylphenols	7.11	107	278083	42.532	ng		98
22) Acetophenone	7.10	105	373846	38.616	ng	#	96
24) Nitrobenzene	7.27	77	283056	36.594	ng		93
25) Isophorone	7.52	82	521840	36.502	ng		95
26) 2-Nitrophenol	7.59	139	162532	39.699	ng	#	86
27) 2,4-Dimethylphenol	7.64	122	267105	38.316	ng		96
28) bis(2-Chloroethoxy)methane	7.73	93	349676	37.053	ng		99
29) 2,4-Dichlorophenol	7.84	162	243409	40.470	ng		97
30) 1,2,4-Trichlorobenzene	7.92	180	225771	39.793	ng		98
31) Naphthalene	8.00	128	835922	39.964	ng		99
32) Benzoic acid	7.77	122	178710	30.524	ng		94
33) 4-Chloroaniline	8.05	127	149836	17.246	ng		97
34) Hexachlorobutadiene	8.13	225	114120	39.216	ng		96
35) Caprolactam	8.42	113	85777m	41.357	ng		
36) 4-Chloro-3-methylphenol	8.54	107	261761	39.332	ng		88
37) 2-Methylnaphthalene	8.69	142	570228	42.827	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	189014	36.506	ng		99
40) Hexachlorocyclopentadiene	8.85	237	200061	79.468	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	158319	38.653	ng		96
43) 2,4,5-Trichlorophenol	9.02	196	165657	40.905	ng		94
45) 1,1'-Biphenyl	9.16	154	636135	37.233	ng		98
46) 2-Chloronaphthalene	9.18	162	493559	38.763	ng		95
47) 2-Nitroaniline	9.27	65	184026	39.721	ng		88
48) Acenaphthylene	9.59	152	810904	40.192	ng		99
49) Dimethylphthalate	9.46	163	601114	40.382	ng		99
50) 2,6-Dinitrotoluene	9.52	165	135134	41.052	ng	#	80
51) Acenaphthene	9.76	154	473040	38.037	ng		99
52) 3-Nitroaniline	9.68	138	98028	23.876	ng		91
53) 2,4-Dinitrophenol	9.79	184	113906	65.149	ng	#	74
54) Dibenzofuran	9.94	168	708433	43.146	ng		99
55) 4-Nitrophenol	9.86	139	248146	72.920	ng	#	67
56) 2,4-Dinitrotoluene	9.92	165	185268	44.444	ng	#	82
57) Fluorene	10.28	166	513102	44.247	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	130526	46.585	ng		98
59) Diethylphthalate	10.16	149	592019	42.077	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	208476	41.320	ng		100
61) 4-Nitroaniline	10.30	138	159538	42.735	ng		91
62) Azobenzene	10.43	77	564378	41.483	ng		91
64) 4,6-Dinitro-2-methylphenol	10.33	198	86988	35.644	ng		90
65) n-Nitrosodiphenylamine	10.39	169	491467	39.583	ng		100
66) 4-Bromophenyl-phenylether	10.76	248	138026	40.069	ng		95
67) Hexachlorobenzene	10.83	284	149835	39.734	ng	#	92
68) Atrazine	10.92	200	151790	42.792	ng		96
69) Pentachlorophenol	11.02	266	157850	70.629	ng		98
70) Phenanthrene	11.23	178	794294	41.523	ng		99
71) Anthracene	11.29	178	824466	42.295	ng		98
72) Carbazole	11.44	167	802711	40.946	ng		99
73) Di-n-butylphthalate	11.78	149	947163	39.889	ng		99
74) Fluoranthene	12.42	202	820616	43.754	ng		97
76) Benzidine	12.53	184	321443	28.404	ng	#	93
77) Pyrene	12.64	202	835306	44.123	ng		99
79) Butylbenzylphthalate	13.27	149	404003	42.157	ng	#	80
80) Benzo(a)anthracene	13.83	228	582527	42.652	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	130628	23.287	ng	#	97
82) Chrysene	13.87	228	600080	41.956	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	471189	44.048	ng		99
84) Di-n-octyl phthalate	14.44	149	852229	40.456	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.59	276	559927	49.596	ng		97
87) Benzo(b)fluoranthene	14.84	252	517253	39.092	ng		99
88) Benzo(k)fluoranthene	14.87	252	474962m	40.129	ng		
89) Benzo(a)pyrene	15.18	252	489453	41.433	ng		98
90) Dibenzo(a,h)anthracene	16.60	278	452461	48.686	ng		98
91) Benzo(g,h,i)perylene	16.99	276	491693	51.058	ng		99

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

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