Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096605.D
Acq On : 10 Jul 2017 17:12
Operator : SJ/JU
Sample : PB100517BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB100517BS

Manual Integrations APPROVED
mohammad
7/11/2017 1:35:22 PM

Quant Time: Jul 11 03:20:19 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	6.69	152	114891	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	479089	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	207183	20.00	ng		-0.02
63) Phenanthrene-d10	11.19	188	328499	20.00	ng		-0.02
75) Chrysene-d12	13.82	240	179154	20.00	ng		-0.02
86) Perylene-d12	15.22	264	181368	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	880321	113.09	ng		0.00
7) Phenol-d6	6.33	99	1065366	111.33	ng		-0.01
23) Nitrobenzene-d5	7.25	82	642827	80.63	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	214175	132.34	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	1135548	93.71	ng		-0.02
78) Terphenyl-d14	12.78	244	752177	89.72	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	110569	29.96	ng	#	76
3) Pyridine	3.08	79	311974	30.81	ng	#	61
4) n-Nitrosodimethylamine	3.02	42	186181	37.25	ng		83
6) Aniline	6.35	93	373424	30.19	ng	#	86
8) 2-Chlorophenol	6.47	128	328390	39.56	ng		98
9) Benzaldehyde	6.23	77	182636	30.50	ng		100
10) Phenol	6.35	94	395267	36.26	ng		83
11) bis(2-Chloroethyl)ether	6.43	93	319242	37.89	ng		94
12) 1,3-Dichlorobenzene	6.63	146	347750	39.95	ng		99
13) 1,4-Dichlorobenzene	6.70	146	356472	40.98	ng		96
14) 1,2-Dichlorobenzene	6.86	146	325857	40.80	ng		97
15) Benzyl Alcohol	6.83	79	268670	42.00	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	681697	39.80	ng		92
17) 2-Methylphenol	6.95	107	266773	40.33	ng		99
18) Hexachloroethane	7.20	117	127014	40.27	ng	#	82
19) n-Nitroso-di-n-propylamine	7.11	70	219428	38.49	ng	#	85
20) 3+4-Methylphenols	7.10	107	318088	43.11	ng	#	82
22) Acetophenone	7.10	105	435577	41.61	ng	#	93
24) Nitrobenzene	7.27	77	330655	39.53	ng		91
25) Isophorone	7.51	82	604513	39.11	ng		96
26) 2-Nitrophenol	7.59	139	187363	42.32	ng		91
27) 2,4-Dimethylphenol	7.63	122	311293	41.30	ng		97
28) bis(2-Chloroethoxy)methane	7.72	93	414248	40.60	ng		99
29) 2,4-Dichlorophenol	7.83	162	275435	42.35	ng		96
30) 1,2,4-Trichlorobenzene	7.91	180	264262	43.08	ng		98
31) Naphthalene	7.99	128	958131	42.36	ng		99
32) Benzoic acid	7.76	122	210364	33.23	ng		94
33) 4-Chloroaniline	8.03	127	220218	23.44	ng		96
34) Hexachlorobutadiene	8.12	225	136564	43.40	ng		98
35) Caprolactam	8.41	113	93898m	41.87	ng		
36) 4-Chloro-3-methylphenol	8.53	107	290590	40.38	ng		87
37) 2-Methylnaphthalene	8.68	142	649626	45.12	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	215864	40.13	ng		99
40) Hexachlorocyclopentadiene	8.84	237	239614	91.61	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	174495	41.00	ng		97
43) 2,4,5-Trichlorophenol	9.00	196	184535	43.86	ng	#	94
45) 1,1'-Biphenyl	9.15	154	715782	40.32	ng		98
46) 2-Chloronaphthalene	9.17	162	564631	42.68	ng		94
47) 2-Nitroaniline	9.26	65	196934	40.91	ng		91
48) Acenaphthylene	9.58	152	885136	42.22	ng		99
49) Dimethylphthalate	9.45	163	654200	42.30	ng		98
50) 2,6-Dinitrotoluene	9.50	165	145709	42.60	ng	#	82
51) Acenaphthene	9.75	154	516145	39.95	ng		99
52) 3-Nitroaniline	9.67	138	103775	24.33	ng		93
53) 2,4-Dinitrophenol	9.78	184	136677	75.24	ng	#	77
54) Dibenzofuran	9.93	168	764071	44.79	ng		98
55) 4-Nitrophenol	9.85	139	237281	67.11	ng	#	70
56) 2,4-Dinitrotoluene	9.91	165	185714	42.88	ng	#	81
57) Fluorene	10.27	166	542256	45.01	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.05	232	136782	46.98	ng		99
59) Diethylphthalate	10.15	149	622071	42.55	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	233381	44.52	ng		96
61) 4-Nitroaniline	10.28	138	154470	39.82	ng		91
62) Azobenzene	10.42	77	609152	43.09	ng		92
64) 4,6-Dinitro-2-methylphenol	10.32	198	93745	41.38	ng		92
65) n-Nitrosodiphenylamine	10.38	169	512749	44.49	ng		97
66) 4-Bromophenyl-phenylether	10.75	248	149136	46.64	ng		98
67) Hexachlorobenzene	10.82	284	155069	44.30	ng	#	90
68) Atrazine	10.90	200	146379	44.45	ng		94
69) Pentachlorophenol	11.01	266	156300	75.34	ng		96
70) Phenanthrene	11.22	178	790107	44.49	ng		98
71) Anthracene	11.27	178	811639	44.85	ng		99
72) Carbazole	11.43	167	745193	40.95	ng		98
73) Di-n-butylphthalate	11.76	149	902068	40.92	ng		99
74) Fluoranthene	12.40	202	714656	41.05	ng		99
76) Benzidine	12.52	184	304832	35.46	ng	#	92
77) Pyrene	12.63	202	726148	50.50	ng		100
79) Butylbenzylphthalate	13.25	149	317767	43.65	ng	#	77
80) Benzo(a)anthracene	13.81	228	485139	46.76	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	130184	30.55	ng		98
82) Chrysene	13.85	228	489435	45.05	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	357517	44.00	ng		99
84) Di-n-octyl phthalate	14.43	149	653482	40.84	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.56	276	549528	64.08	ng		98
87) Benzo(b)fluoranthene	14.83	252	461929	40.65	ng		98
88) Benzo(k)fluoranthene	14.85	252	423336	41.64	ng		98
89) Benzo(a)pyrene	15.16	252	453487	44.70	ng		98
90) Dibenzo(a,h)anthracene	16.57	278	444538	55.69	ng		97
91) Benzo(g,h,i)perylene	16.96	276	488929	59.11	ng		99

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

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