Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\
Data File : BF093422.D
Acq On : 7 Mar 2017 16:47
Operator : SJ/MA
Sample : PB97390BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97390BS

Manual Integrations APPROVED
mohammad
3/8/2017 1:45:52 PM

Quant Time: Mar 08 00:40:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	180830m	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	695379	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	343104	20.00	ng		0.00
63) Phenanthrene-d10	11.28	188	605253	20.00	ng		0.00
75) Chrysene-d12	13.93	240	521197	20.00	ng		0.01
86) Perylene-d12	15.34	264	425582	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	980827	90.27	ng		0.01
7) Phenol-d6	6.41	99	1160124	84.67	ng		0.00
23) Nitrobenzene-d5	7.34	82	1076089	85.86	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	223478	99.97	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	1859699	100.82	ng		0.00
78) Terphenyl-d14	12.87	244	1459284	72.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	224196	37.46	ng	#	82
3) Pyridine	3.04	79	628603	41.20	ng		87
4) n-Nitrosodimethylamine	3.01	42	328702	45.10	ng		83
6) Aniline	6.42	93	402616	21.41	ng		96
8) 2-Chlorophenol	6.55	128	519413	42.67	ng		96
9) Benzaldehyde	6.31	77	102471	9.01	ng		86
10) Phenol	6.44	94	639247	38.07	ng		83
11) bis(2-Chloroethyl)ether	6.50	93	550489	40.57	ng		97
12) 1,3-Dichlorobenzene	6.70	146	552738m	39.67	ng		
13) 1,4-Dichlorobenzene	6.78	146	576701m	40.42	ng		
14) 1,2-Dichlorobenzene	6.94	146	501004	39.66	ng		94
15) Benzyl Alcohol	6.92	79	393805	40.32	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	908221	40.29	ng		89
17) 2-Methylphenol	7.04	107	426991	41.47	ng		95
18) Hexachloroethane	7.27	117	193469	40.21	ng		96
19) n-Nitroso-di-n-propylamine	7.19	70	394208	41.85	ng		97
20) 3+4-Methylphenols	7.20	107	579996	43.43	ng	#	74
22) Acetophenone	7.18	105	724395	43.29	ng	#	97
24) Nitrobenzene	7.36	77	615900	43.73	ng		91
25) Isophorone	7.60	82	1064627	42.12	ng		97
26) 2-Nitrophenol	7.68	139	286477	44.58	ng	#	84
27) 2,4-Dimethylphenol	7.73	122	478808	45.80	ng		93
28) bis(2-Chloroethoxy)methane	7.81	93	654464	41.02	ng		98
29) 2,4-Dichlorophenol	7.92	162	444898	45.24	ng		89
30) 1,2,4-Trichlorobenzene	7.99	180	450196	43.04	ng	#	94
31) Naphthalene	8.07	128	1395127	40.04	ng		99
32) Benzoic acid	7.89	122	280519	51.64	ng		96
33) 4-Chloroaniline	8.14	127	253387	17.92	ng		99
34) Hexachlorobutadiene	8.18	225	230315	42.75	ng		99
35) Caprolactam	8.52	113	155157m	46.19	ng		
36) 4-Chloro-3-methylphenol	8.63	107	451885	43.05	ng		96
37) 2-Methylnaphthalene	8.77	142	988104	44.57	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	416719	44.48	ng		99
40) Hexachlorocyclopentadiene	8.92	237	231783	95.32	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	291506	49.80	ng		91
43) 2,4,5-Trichlorophenol	9.11	196	274287	43.67	ng	#	86
45) 1,1'-Biphenyl	9.22	154	1095881	43.85	ng		96
46) 2-Chloronaphthalene	9.26	162	918397	48.00	ng		96
47) 2-Nitroaniline	9.36	65	321516	47.54	ng		97
48) Acenaphthylene	9.67	152	1410079	44.69	ng		97
49) Dimethylphthalate	9.53	163	1044236	45.91	ng		99
50) 2,6-Dinitrotoluene	9.60	165	211455	42.37	ng	#	56
51) Acenaphthene	9.84	154	860166	46.10	ng		97
52) 3-Nitroaniline	9.77	138	151629	25.29	ng		98
53) 2,4-Dinitrophenol	9.90	184	170632	75.07	ng	#	78
54) Dibenzofuran	10.01	168	1220774	52.27	ng		93
55) 4-Nitrophenol	9.97	139	264458	90.80	ng	#	79
56) 2,4-Dinitrotoluene	10.01	165	270977	44.19	ng	#	77
57) Fluorene	10.36	166	936095	47.30	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	237822	53.65	ng		95
59) Diethylphthalate	10.23	149	979019	45.03	ng		99
60) 4-Chlorophenyl-phenylether	10.34	204	434884	49.03	ng	#	84
61) 4-Nitroaniline	10.39	138	231440	37.74	ng		93
62) Azobenzene	10.50	77	1211798	49.06	ng		95
64) 4,6-Dinitro-2-methylphenol	10.42	198	137558	35.08	ng	#	22
65) n-Nitrosodiphenylamine	10.47	169	868275	42.96	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	258802	40.44	ng	#	78
67) Hexachlorobenzene	10.90	284	259120	42.40	ng		94
68) Atrazine	11.00	200	247074	41.77	ng		99
69) Pentachlorophenol	11.11	266	206549	97.89	ng		98
70) Phenanthrene	11.32	178	1444859	41.82	ng		98
71) Anthracene	11.36	178	1338777	38.31	ng		99
72) Carbazole	11.52	167	1208690	36.82	ng		99
73) Di-n-butylphthalate	11.85	149	1607530	42.32	ng	#	96
74) Fluoranthene	12.51	202	1470000	44.05	ng		91
76) Benzidine	12.63	184	442201	25.80	ng		96
77) Pyrene	12.72	202	1448685	38.22	ng		100
79) Butylbenzylphthalate	13.34	149	654215	41.00	ng		98
80) Benzo(a)anthracene	13.92	228	1253892	40.74	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	289969	26.90	ng		98
82) Chrysene	13.96	228	1198646	42.09	ng		99
83) Bis(2-ethylhexyl)phthalate	13.90	149	993725	44.68	ng		98
84) Di-n-octyl phthalate	14.51	149	1574963	42.49	ng		98
85) Indeno(1,2,3-cd)pyrene	16.71	276	936287	39.28	ng	#	93
87) Benzo(b)fluoranthene	14.94	252	1068769m	41.23	ng		
88) Benzo(k)fluoranthene	14.96	252	1049258m	41.98	ng		
89) Benzo(a)pyrene	15.28	252	981188	41.42	ng		97
90) Dibenzo(a,h)anthracene	16.71	278	776869	39.64	ng	#	96
91) Benzo(g,h,i)perylene	17.12	276	815758	40.56	ng	#	93

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

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