Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
Data File : BF097202.D
Acq On : 31 Jul 2017 12:39
Operator : SJ/JU
Sample : PB101036BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101036BS

Manual Integrations APPROVED
Sohil
8/1/2017 5:44:22 PM

Quant Time: Jul 31 15:21:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 31 15:18:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	100616	20.00	ng		0.00
21) Naphthalene-d8	7.76	136	496621	20.00	ng		0.00
38) Acenaphthene-d10	9.51	164	203837	20.00	ng		0.00
63) Phenanthrene-d10	10.99	188	326644	20.00	ng		0.00
75) Chrysene-d12	13.62	240	169158	20.00	ng		0.00
86) Perylene-d12	14.96	264	174177	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	588796	88.22	ng		0.01
7) Phenol-d6	6.15	99	745505	97.84	ng		0.00
23) Nitrobenzene-d5	7.05	82	650981	76.90	ng		0.00
41) 2,4,6-Tribromophenol	10.30	330	142781	88.66	ng		0.00
44) 2-Fluorobiphenyl	8.85	172	1168137	97.26	ng		0.00
78) Terphenyl-d14	12.57	244	729998	87.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	110781	39.774	ng	#	78
3) Pyridine	2.70	79	344561	40.399	ng	#	63
4) n-Nitrosodimethylamine	2.63	42	213148	45.111	ng	#	80
6) Aniline	6.15	93	387826	40.447	ng		90
8) 2-Chlorophenol	6.27	128	312829	43.833	ng		97
9) Benzaldehyde	6.02	77	235849	52.293	ng		97
10) Phenol	6.16	94	443373	49.056	ng		97
11) bis(2-Chloroethyl)ether	6.23	93	352409	49.300	ng		93
12) 1,3-Dichlorobenzene	6.42	146	326044	42.392	ng		98
13) 1,4-Dichlorobenzene	6.50	146	324044	42.514	ng		95
14) 1,2-Dichlorobenzene	6.65	146	287567	43.210	ng		98
15) Benzyl Alcohol	6.65	79	236826	49.091	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.77	45	612796	42.741	ng		69
17) 2-Methylphenol	6.77	107	242422	44.012	ng	#	88
18) Hexachloroethane	6.99	117	120230	43.117	ng	#	78
19) n-Nitroso-di-n-propylamine	6.92	70	221506	44.165	ng	#	85
20) 3+4-Methylphenols	6.93	107	348562	48.452	ng	#	64
22) Acetophenone	6.90	105	438824	36.795	ng		98
24) Nitrobenzene	7.07	77	328163	37.221	ng		95
25) Isophorone	7.32	82	695915	41.977	ng		98
26) 2-Nitrophenol	7.39	139	205618	43.107	ng	#	83
27) 2,4-Dimethylphenol	7.45	122	334631	42.528	ng		98
28) bis(2-Chloroethoxy)methane	7.53	93	489416	45.237	ng		99
29) 2,4-Dichlorophenol	7.64	162	310492	45.805	ng		93
30) 1,2,4-Trichlorobenzene	7.71	180	280494	43.412	ng		96
31) Naphthalene	7.79	128	1042336	44.525	ng		100
32) Benzoic acid	7.63	122	195383	33.254	ng		95
33) 4-Chloroaniline	7.85	127	337288	35.409	ng		99
34) Hexachlorobutadiene	7.91	225	141169	41.213	ng		98
35) Caprolactam	8.25	113	101612m	46.748	ng		
36) 4-Chloro-3-methylphenol	8.35	107	319344	43.182	ng	#	85
37) 2-Methylnaphthalene	8.48	142	685344	46.238	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	246212	45.269	ng		98
40) Hexachlorocyclopentadiene	8.63	237	67699	39.254	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	177999	45.161	ng		98
43) 2,4,5-Trichlorophenol	8.82	196	186162	47.189	ng		99
45) 1,1'-Biphenyl	8.95	154	754543	43.338	ng		96
46) 2-Chloronaphthalene	8.96	162	588349	45.921	ng	#	92
47) 2-Nitroaniline	9.07	65	230838	49.646	ng		94
48) Acenaphthylene	9.37	152	862032	43.834	ng		99
49) Dimethylphthalate	9.26	163	713349	46.085	ng		99
50) 2,6-Dinitrotoluene	9.32	165	149341	45.489	ng	#	78
51) Acenaphthene	9.55	154	518724	44.780	ng		99
52) 3-Nitroaniline	9.48	138	158533	38.904	ng		99
53) 2,4-Dinitrophenol	9.60	184	112021	75.045	ng	#	77
54) Dibenzofuran	9.72	168	724511	46.957	ng		99
55) 4-Nitrophenol	9.68	139	196741	81.186	ng	#	58
56) 2,4-Dinitrotoluene	9.72	165	169989	45.041	ng	#	48
57) Fluorene	10.06	166	529720	45.679	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.85	232	135809	49.858	ng		96
59) Diethylphthalate	9.95	149	648297	45.651	ng		98
60) 4-Chlorophenyl-phenylether	10.06	204	225212	47.030	ng		95
61) 4-Nitroaniline	10.10	138	152469	39.377	ng		91
62) Azobenzene	10.22	77	676794	51.373	ng		93
64) 4,6-Dinitro-2-methylphenol	10.13	198	82229	40.512	ng		86
65) n-Nitrosodiphenylamine	10.18	169	518389	45.612	ng		97
66) 4-Bromophenyl-phenylether	10.54	248	150136	46.057	ng		93
67) Hexachlorobenzene	10.61	284	153738	42.056	ng	#	87
68) Atrazine	10.72	200	144399	44.308	ng		93
69) Pentachlorophenol	10.81	266	124687	82.438	ng		99
70) Phenanthrene	11.02	178	783374	44.760	ng		99
71) Anthracene	11.07	178	814436	45.434	ng		98
72) Carbazole	11.23	167	731910	41.517	ng		99
73) Di-n-butylphthalate	11.57	149	934623	42.889	ng		99
74) Fluoranthene	12.19	202	694614	40.513	ng		97
76) Benzidine	12.33	184	297687m	47.428	ng		
77) Pyrene	12.42	202	693131	50.051	ng		99
79) Butylbenzylphthalate	13.05	149	334679	47.510	ng	#	76
80) Benzo(a)anthracene	13.60	228	502557	45.916	ng		99
81) 3,3'-Dichlorobenzidine	13.57	252	172663	41.832	ng	#	97
82) Chrysene	13.64	228	486669	45.536	ng		99
83) Bis(2-ethylhexyl)phthalate	13.62	149	409162	44.486	ng		100
84) Di-n-octyl phthalate	14.23	149	754845	44.722	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.20	276	508152	55.448	ng		99
87) Benzo(b)fluoranthene	14.60	252	488278m	46.635	ng		
88) Benzo(k)fluoranthene	14.63	252	446815m	44.784	ng		
89) Benzo(a)pyrene	14.92	252	481103	50.206	ng		99
90) Dibenzo(a,h)anthracene	16.20	278	414423	52.738	ng		98
91) Benzo(g,h,i)perylene	16.56	276	475394	57.689	ng		99

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

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