Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101087.D
Acq On : 4 Dec 2017 10:28
Operator : SJ/JU
Sample : PB104640BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104640BS

Manual Integrations APPROVED
Sohil
12/5/2017 3:23:31 PM

Quant Time: Dec 04 15:20:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	48141	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	194331	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	95885	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	189726	20.00	ng		0.00
75) Chrysene-d12	14.02	240	151073	20.00	ng		0.00
86) Perylene-d12	15.49	264	106496	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	344845	118.37	ng		0.02
7) Phenol-d6	6.49	99	414121	117.08	ng		0.00
23) Nitrobenzene-d5	7.42	82	252434	77.49	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	126965	110.23	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	556647	79.43	ng		0.00
78) Terphenyl-d14	12.96	244	575629	83.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	38559	32.01	ng	#	92
3) Pyridine	3.47	79	108930	34.88	ng		92
4) n-Nitrosodimethylamine	3.41	42	57613	37.77	ng		85
6) Aniline	6.52	93	54074	11.76	ng		99
8) 2-Chlorophenol	6.63	128	122889	38.69	ng		98
9) Benzaldehyde	6.40	77	47769	22.07	ng		94
10) Phenol	6.50	94	142415	36.21	ng		94
11) bis(2-Chloroethyl)ether	6.59	93	109219	37.02	ng		99
12) 1,3-Dichlorobenzene	6.79	146	137041	37.05	ng		97
13) 1,4-Dichlorobenzene	6.86	146	137152	35.82	ng		98
14) 1,2-Dichlorobenzene	7.02	146	130868	36.64	ng		97
15) Benzyl Alcohol	6.99	79	105728	38.70	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	169794	42.34	ng		88
17) 2-Methylphenol	7.10	107	97868	38.16	ng		97
18) Hexachloroethane	7.36	117	45298	36.82	ng	#	89
19) n-Nitroso-di-n-propylamine	7.26	70	82276	34.54	ng		94
20) 3+4-Methylphenols	7.26	107	128731	38.48	ng	#	67
22) Acetophenone	7.26	105	165466	35.24	ng	#	89
24) Nitrobenzene	7.43	77	121025	37.91	ng		97
25) Isophorone	7.67	82	220938	39.70	ng		100
26) 2-Nitrophenol	7.75	139	68526	39.10	ng		97
27) 2,4-Dimethylphenol	7.79	122	106612	42.05	ng		100
28) bis(2-Chloroethoxy)methane	7.87	93	135540	36.24	ng		98
29) 2,4-Dichlorophenol	7.99	162	110008	39.86	ng		94
30) 1,2,4-Trichlorobenzene	8.07	180	113472	37.39	ng		97
31) Naphthalene	8.15	128	350402	36.59	ng		99
32) Benzoic acid	7.90	122	22063	11.19	ng		93
33) 4-Chloroaniline	8.20	127	35329	9.18	ng		97
34) Hexachlorobutadiene	8.26	225	67468	36.25	ng		98
35) Caprolactam	8.60	113	32219m	37.46	ng		
36) 4-Chloro-3-methylphenol	8.69	107	111561	39.02	ng		95
37) 2-Methylnaphthalene	8.85	142	247334	38.01	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	117742	33.80	ng		97
40) Hexachlorocyclopentadiene	8.99	237	63232	52.89	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	79926	39.14	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	85995	39.39	ng	#	93
45) 1,1'-Biphenyl	9.30	154	296642	33.77	ng		98
46) 2-Chloronaphthalene	9.33	162	232986	37.34	ng		97
47) 2-Nitroaniline	9.43	65	68241	36.97	ng		97
48) Acenaphthylene	9.75	152	361629	35.27	ng		99
49) Dimethylphthalate	9.61	163	274963	35.56	ng		99
50) 2,6-Dinitrotoluene	9.67	165	61018	37.46	ng		94
51) Acenaphthene	9.92	154	211347	34.42	ng		98
52) 3-Nitroaniline	9.85	138	36710	20.04	ng		86
53) 2,4-Dinitrophenol	9.96	184	16102	22.89	ng	#	16
54) Dibenzofuran	10.09	168	321023	36.28	ng		99
55) 4-Nitrophenol	10.02	139	88055	71.29	ng		98
56) 2,4-Dinitrotoluene	10.08	165	81350	37.27	ng	#	94
57) Fluorene	10.44	166	261035	36.29	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	67688	38.73	ng	#	84
59) Diethylphthalate	10.30	149	275013	36.06	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	125569	35.36	ng		91
61) 4-Nitroaniline	10.46	138	54050	28.43	ng		92
62) Azobenzene	10.59	77	234081	36.16	ng		93
64) 4,6-Dinitro-2-methylphenol	10.49	198	19378	15.23	ng		82
65) n-Nitrosodiphenylamine	10.55	169	238765	35.67	ng		96
66) 4-Bromophenyl-phenylether	10.92	248	80281	37.80	ng	#	88
67) Hexachlorobenzene	10.99	284	83402	36.64	ng	#	86
68) Atrazine	11.07	200	77195	37.60	ng		100
69) Pentachlorophenol	11.18	266	59886	47.85	ng		99
70) Phenanthrene	11.40	178	389972	37.32	ng		98
71) Anthracene	11.45	178	400668	37.89	ng		99
72) Carbazole	11.61	167	337332	34.91	ng		98
73) Di-n-butylphthalate	11.93	149	440249	36.35	ng		98
74) Fluoranthene	12.59	202	417288	36.03	ng		95
77) Pyrene	12.82	202	426057	40.87	ng		100
79) Butylbenzylphthalate	13.43	149	188712	41.06	ng		92
80) Benzo(a)anthracene	14.01	228	360460	37.79	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	54773	16.58	ng	#	97
82) Chrysene	14.04	228	334576	37.77	ng		98
83) Bis(2-ethylhexyl)phthalate	13.98	149	258059	39.38	ng		98
84) Di-n-octyl phthalate	14.59	149	397282	36.41	ng		98
85) Indeno(1,2,3-cd)pyrene	16.97	276	272606	34.61	ng	#	92
87) Benzo(b)fluoranthene	15.06	252	275536	43.20	ng		98
88) Benzo(k)fluoranthene	15.09	252	241403m	38.41	ng		
89) Benzo(a)pyrene	15.43	252	235474	40.60	ng		98
90) Dibenzo(a,h)anthracene	16.98	278	224337	43.88	ng	#	94
91) Benzo(g,h,i)perylene	17.42	276	234370	48.64	ng	#	91

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

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