Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
Data File : BF095480.D
Acq On : 27 May 2017 2:49
Operator : SJ/MA
Sample : PB99316BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB99316BSD

Manual Integrations APPROVED
mohammad
5/30/2017 1:37:06 PM

Quant Time: May 27 06:05:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	102886	20.00	ng		0.00
21) Naphthalene-d8	9.76	136	371442	20.00	ng		0.00
38) Acenaphthene-d10	12.59	164	165952	20.00	ng		0.00
63) Phenanthrene-d10	14.99	188	239104	20.00	ng		0.00
75) Chrysene-d12	18.68	240	182979	20.00	ng		0.00
86) Perylene-d12	20.36	264	118759	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	557515	90.34	ng		0.02
7) Phenol-d6	7.30	99	651177	87.94	ng		0.00
23) Nitrobenzene-d5	8.65	82	535926	90.98	ng		0.00
41) 2,4,6-Tribromophenol	13.90	330	94049	69.20	ng		0.00
44) 2-Fluorobiphenyl	11.54	172	1066039	92.46	ng		0.00
78) Terphenyl-d14	17.32	244	684923	82.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	100121	33.08	ng		93
3) Pyridine	2.95	79	228069	32.51	ng		95
4) n-Nitrosodimethylamine	2.89	42	88954	30.42	ng		84
6) Aniline	7.26	93	186879	19.99	ng		95
8) 2-Chlorophenol	7.44	128	298161	42.45	ng		98
9) Benzaldehyde	7.10	77	62925	13.92	ng		98
10) Phenol	7.31	94	354789	45.47	ng		93
11) bis(2-Chloroethyl)ether	7.38	93	264948	41.13	ng		95
12) 1,3-Dichlorobenzene	7.65	146	316437	39.71	ng		98
13) 1,4-Dichlorobenzene	7.77	146	325307	40.26	ng		96
14) 1,2-Dichlorobenzene	8.01	146	308938	40.96	ng		96
15) Benzyl Alcohol	8.04	79	221209	46.45	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.23	45	353829	38.81	ng		97
17) 2-Methylphenol	8.25	107	232311	40.41	ng		96
18) Hexachloroethane	8.52	117	88847	32.46	ng		88
19) n-Nitroso-di-n-propylamine	8.45	70	201548	40.25	ng		95
20) 3+4-Methylphenols	8.52	107	293629	37.59	ng	#	58
22) Acetophenone	8.42	105	406928	45.66	ng	#	85
24) Nitrobenzene	8.68	77	284220	46.03	ng		95
25) Isophorone	9.08	82	497845	47.33	ng		94
26) 2-Nitrophenol	9.19	139	111363	33.43	ng		99
27) 2,4-Dimethylphenol	9.32	122	254012	47.16	ng		98
28) bis(2-Chloroethoxy)methane	9.44	93	333980	45.90	ng		98
29) 2,4-Dichlorophenol	9.62	162	180935	35.58	ng		96
30) 1,2,4-Trichlorobenzene	9.69	180	202989	37.25	ng		99
31) Naphthalene	9.80	128	750002	40.17	ng		100
32) Benzoic acid	9.64	122	44896	16.43	ng		92
33) 4-Chloroaniline	9.98	127	56072m	8.06	ng		
34) Hexachlorobutadiene	10.01	225	114332	39.77	ng		99
35) Caprolactam	10.57	113	68305	44.73	ng	#	84
36) 4-Chloro-3-methylphenol	10.81	107	225548	41.48	ng		89
37) 2-Methylnaphthalene	10.92	142	548303	44.75	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.20	216	217592	42.64	ng		98
40) Hexachlorocyclopentadiene	11.17	237	8722	9.81	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.43	196	132719	38.95	ng		98
43) 2,4,5-Trichlorophenol	11.54	196	115084	31.42	ng		93
45) 1,1'-Biphenyl	11.68	154	512194	36.66	ng		97
46) 2-Chloronaphthalene	11.71	162	396430	35.14	ng		98
47) 2-Nitroaniline	11.93	65	130604	42.30	ng	#	80
48) Acenaphthylene	12.36	152	725199	41.04	ng		98
49) Dimethylphthalate	12.24	163	550941	40.44	ng		99
50) 2,6-Dinitrotoluene	12.34	165	106493	38.32	ng		94
51) Acenaphthene	12.65	154	417084	39.52	ng		99
52) 3-Nitroaniline	12.62	138	82128	27.53	ng		88
54) Dibenzofuran	12.94	168	648695	44.41	ng		98
55) 4-Nitrophenol	13.06	139	67293	37.56	ng	#	80
56) 2,4-Dinitrotoluene	13.02	165	132189	37.01	ng	#	98
57) Fluorene	13.49	166	405794	31.95	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.19	232	81962	35.56	ng	#	88
59) Diethylphthalate	13.38	149	532254	40.76	ng		100
60) 4-Chlorophenyl-phenylether	13.51	204	184206	33.00	ng		91
61) 4-Nitroaniline	13.62	138	75797	27.68	ng		96
62) Azobenzene	13.77	77	418597	39.89	ng		94
64) 4,6-Dinitro-2-methylphenol	13.72	198	5279	3.29	ng	#	1
65) n-Nitrosodiphenylamine	13.72	169	385653	44.44	ng		98
66) 4-Bromophenyl-phenylether	14.29	248	116114	45.97	ng		96
67) Hexachlorobenzene	14.39	284	112928	43.62	ng	#	92
68) Atrazine	14.64	200	112083	45.74	ng		97
69) Pentachlorophenol	14.76	266	54816	49.26	ng		97
70) Phenanthrene	15.04	178	524511	38.18	ng		98
71) Anthracene	15.12	178	615147	43.83	ng		98
72) Carbazole	15.41	167	496851	38.91	ng		96
73) Di-n-butylphthalate	15.96	149	763899	47.97	ng		98
74) Fluoranthene	16.78	202	521576	37.01	ng		98
76) Benzidine	17.01	184	209478	43.11	ng	#	92
77) Pyrene	17.08	202	574785	42.00	ng		99
79) Butylbenzylphthalate	17.98	149	276218	43.39	ng		89
80) Benzo(a)anthracene	18.67	228	446041	41.88	ng		98
81) 3,3'-Dichlorobenzidine	18.65	252	126529	34.40	ng	#	96
82) Chrysene	18.71	228	429028	41.66	ng		99
83) Bis(2-ethylhexyl)phthalate	18.72	149	379665	41.86	ng		100
84) Di-n-octyl phthalate	19.49	149	679431	45.69	ng		96
85) Indeno(1,2,3-cd)pyrene	21.68	276	306517	36.66	ng		99
87) Benzo(b)fluoranthene	19.94	252	292885	39.91	ng		98
88) Benzo(k)fluoranthene	19.97	252	327917	46.33	ng	#	96
89) Benzo(a)pyrene	20.29	252	281809	41.62	ng		98
90) Dibenzo(a,h)anthracene	21.68	278	252728	45.19	ng		97
91) Benzo(g,h,i)perylene	22.08	276	252464	46.00	ng		97

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

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