Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
Data File : BF095479.D
Acq On : 27 May 2017 2:17
Operator : SJ/MA
Sample : PB99316BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB99316BS

Manual Integrations APPROVED
mohammad
5/30/2017 1:37:17 PM

Quant Time: May 27 05:17:30 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	85796	20.00	ng		0.00
21) Naphthalene-d8	9.76	136	364174	20.00	ng		0.00
38) Acenaphthene-d10	12.59	164	131274	20.00	ng		0.00
63) Phenanthrene-d10	14.99	188	231500	20.00	ng		0.00
75) Chrysene-d12	18.68	240	179161	20.00	ng		0.00
86) Perylene-d12	20.36	264	133846	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	512057	99.50	ng		0.02
7) Phenol-d6	7.30	99	598885	96.99	ng		0.00
23) Nitrobenzene-d5	8.65	82	498142	86.26	ng		0.00
41) 2,4,6-Tribromophenol	13.89	330	88032	81.88	ng		0.00
44) 2-Fluorobiphenyl	11.53	172	1009881	110.73	ng		0.00
78) Terphenyl-d14	17.32	244	533926	65.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	90802	35.98	ng		92
3) Pyridine	2.95	79	206237	35.26	ng		96
4) n-Nitrosodimethylamine	2.88	42	80207	32.90	ng		81
6) Aniline	7.26	93	231053	29.64	ng		93
8) 2-Chlorophenol	7.44	128	279167	47.66	ng		96
9) Benzaldehyde	7.10	77	57584	15.27	ng		97
10) Phenol	7.31	94	331713	50.98	ng		93
11) bis(2-Chloroethyl)ether	7.38	93	244598	45.54	ng		96
12) 1,3-Dichlorobenzene	7.65	146	293043	44.10	ng		99
13) 1,4-Dichlorobenzene	7.77	146	289288	42.93	ng		97
14) 1,2-Dichlorobenzene	8.00	146	283576	45.09	ng		97
15) Benzyl Alcohol	8.04	79	212157	53.42	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.23	45	311113	40.92	ng		96
17) 2-Methylphenol	8.25	107	214410	44.73	ng		95
18) Hexachloroethane	8.51	117	81964	35.91	ng	#	83
19) n-Nitroso-di-n-propylamine	8.45	70	188490	45.14	ng		91
20) 3+4-Methylphenols	8.52	107	279258	42.87	ng	#	57
22) Acetophenone	8.42	105	376357	43.07	ng	#	84
24) Nitrobenzene	8.68	77	261928	43.27	ng		92
25) Isophorone	9.08	82	462918	44.89	ng		96
26) 2-Nitrophenol	9.19	139	97537	29.86	ng		98
27) 2,4-Dimethylphenol	9.32	122	193580	36.66	ng		96
28) bis(2-Chloroethoxy)methane	9.44	93	274380	38.46	ng		97
29) 2,4-Dichlorophenol	9.62	162	187852	37.67	ng		97
30) 1,2,4-Trichlorobenzene	9.69	180	212332	39.75	ng		99
31) Naphthalene	9.80	128	735984	40.21	ng		99
32) Benzoic acid	9.63	122	64558m	21.73	ng		
33) 4-Chloroaniline	9.97	127	67913m	9.96	ng		
34) Hexachlorobutadiene	10.01	225	109096	38.70	ng		98
35) Caprolactam	10.57	113	63271	42.26	ng		87
36) 4-Chloro-3-methylphenol	10.81	107	210519	39.49	ng		91
37) 2-Methylnaphthalene	10.92	142	516966	43.04	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.20	216	199256	49.36	ng		98
40) Hexachlorocyclopentadiene	11.17	237	6202	9.43	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.43	196	122385	45.41	ng		99
43) 2,4,5-Trichlorophenol	11.54	196	108043	37.29	ng		93
45) 1,1'-Biphenyl	11.68	154	583268	52.77	ng		98
46) 2-Chloronaphthalene	11.71	162	447867	50.18	ng		96
47) 2-Nitroaniline	11.93	65	125304	51.30	ng	#	80
48) Acenaphthylene	12.36	152	683749	48.91	ng		99
49) Dimethylphthalate	12.24	163	518056	48.07	ng		98
50) 2,6-Dinitrotoluene	12.33	165	101397	46.12	ng	#	90
51) Acenaphthene	12.64	154	376180	45.06	ng		98
52) 3-Nitroaniline	12.61	138	85405	36.19	ng		85
54) Dibenzofuran	12.94	168	592441	51.28	ng		99
55) 4-Nitrophenol	13.06	139	76118	53.71	ng	#	73
56) 2,4-Dinitrotoluene	13.02	165	119856	42.42	ng		96
57) Fluorene	13.49	166	435601	43.36	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.19	232	75766	41.56	ng	#	89
59) Diethylphthalate	13.38	149	492668	47.70	ng		99
60) 4-Chlorophenyl-phenylether	13.51	204	201407	45.62	ng		91
61) 4-Nitroaniline	13.62	138	95806	44.22	ng		92
62) Azobenzene	13.77	77	430700	51.89	ng		95
64) 4,6-Dinitro-2-methylphenol	13.74	198	3463	2.23	ng	#	24
65) n-Nitrosodiphenylamine	13.72	169	396227	47.16	ng		99
66) 4-Bromophenyl-phenylether	14.29	248	105231	43.03	ng		99
67) Hexachlorobenzene	14.39	284	104030	41.50	ng	#	89
68) Atrazine	14.64	200	102149	43.06	ng		96
69) Pentachlorophenol	14.76	266	46236	43.67	ng		95
70) Phenanthrene	15.04	178	569725	42.83	ng		98
71) Anthracene	15.12	178	529437	38.97	ng		98
72) Carbazole	15.41	167	517898	41.89	ng		97
73) Di-n-butylphthalate	15.96	149	670899	43.52	ng		98
74) Fluoranthene	16.78	202	434756	31.86	ng		98
76) Benzidine	17.01	184	193146	40.98	ng	#	92
77) Pyrene	17.09	202	444999	33.21	ng		99
79) Butylbenzylphthalate	17.98	149	247790	39.76	ng		91
80) Benzo(a)anthracene	18.66	228	431739	41.41	ng		98
81) 3,3'-Dichlorobenzidine	18.64	252	132910	36.91	ng	#	96
82) Chrysene	18.71	228	413685	41.03	ng		98
83) Bis(2-ethylhexyl)phthalate	18.72	149	363884	40.98	ng	#	98
84) Di-n-octyl phthalate	19.49	149	625176	42.94	ng		96
85) Indeno(1,2,3-cd)pyrene	21.68	276	287391	35.10	ng		98
87) Benzo(b)fluoranthene	19.94	252	330056	39.91	ng		97
88) Benzo(k)fluoranthene	19.97	252	393290m	49.30	ng		
89) Benzo(a)pyrene	20.29	252	329077	43.12	ng		99
90) Dibenzo(a,h)anthracene	21.68	278	235410	37.35	ng		98
91) Benzo(g,h,i)perylene	22.07	276	191514	30.96	ng		96

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

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