Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
Data File : BF095745.D
Acq On : 7 Jun 2017 14:43
Operator : SJ/MA
Sample : PB99520BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB99520BS

Manual Integrations APPROVED
mohammad
6/8/2017 12:18:36 PM

Quant Time: Jun 08 04:29:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	70255	20.00	ng		-0.02
21) Naphthalene-d8	9.42	136	300967	20.00	ng		-0.02
38) Acenaphthene-d10	12.24	164	139013	20.00	ng		-0.02
63) Phenanthrene-d10	14.63	188	254167	20.00	ng		-0.01
75) Chrysene-d12	18.35	240	205994	20.00	ng		0.00
86) Perylene-d12	20.01	264	171395	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	567662	128.75	ng		0.00
7) Phenol-d6	6.95	99	674759	127.84	ng		0.00
23) Nitrobenzene-d5	8.30	82	400587	82.66	ng		-0.02
41) 2,4,6-Tribromophenol	13.54	330	155271	126.24	ng		-0.01
44) 2-Fluorobiphenyl	11.20	172	835656	83.65	ng		-0.02
78) Terphenyl-d14	17.01	244	721875	86.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.77	88	68119	32.48	ng	#	90
3) Pyridine	2.32	79	176299	35.76	ng		97
4) n-Nitrosodimethylamine	2.29	42	75085	40.06	ng	#	78
6) Aniline	6.88	93	186356	26.99	ng		96
8) 2-Chlorophenol	7.07	128	210785	44.96	ng		96
9) Benzaldehyde	6.69	77	96771	27.18	ng		96
10) Phenol	6.96	94	246690	45.05	ng		90
11) bis(2-Chloroethyl)ether	7.03	93	188264	43.40	ng		97
12) 1,3-Dichlorobenzene	7.28	146	220742	41.60	ng		98
13) 1,4-Dichlorobenzene	7.41	146	226676	42.13	ng		98
14) 1,2-Dichlorobenzene	7.64	146	212940	42.93	ng		96
15) Benzyl Alcohol	7.69	79	168189	46.42	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.88	45	260766	42.79	ng		97
17) 2-Methylphenol	7.91	107	172872	43.94	ng		99
18) Hexachloroethane	8.16	117	76994	43.32	ng	#	87
19) n-Nitroso-di-n-propylamine	8.12	70	145399	43.47	ng		92
20) 3+4-Methylphenols	8.17	107	227227	45.50	ng	#	60
22) Acetophenone	8.07	105	293552	41.67	ng	#	83
24) Nitrobenzene	8.33	77	202985	39.21	ng		95
25) Isophorone	8.73	82	375723	41.52	ng		95
26) 2-Nitrophenol	8.84	139	115935	42.77	ng		98
27) 2,4-Dimethylphenol	8.99	122	186342	44.29	ng		98
28) bis(2-Chloroethoxy)methane	9.12	93	252466	42.33	ng		99
29) 2,4-Dichlorophenol	9.26	162	182751	45.11	ng		99
30) 1,2,4-Trichlorobenzene	9.35	180	175377	41.60	ng		98
31) Naphthalene	9.45	128	607335	40.21	ng		99
32) Benzoic acid	9.35	122	103910	40.43	ng		94
33) 4-Chloroaniline	9.60	127	117460	19.90	ng	#	91
34) Hexachlorobutadiene	9.67	225	91239	41.89	ng		100
35) Caprolactam	10.23	113	56976m	47.26	ng		
36) 4-Chloro-3-methylphenol	10.47	107	185317	43.69	ng		89
37) 2-Methylnaphthalene	10.58	142	424530	41.60	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.86	216	168576	40.52	ng		99
40) Hexachlorocyclopentadiene	10.83	237	116828	88.24	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.09	196	118086	44.15	ng		97
43) 2,4,5-Trichlorophenol	11.17	196	118373	41.60	ng		93
45) 1,1'-Biphenyl	11.34	154	478004	41.72	ng		98
46) 2-Chloronaphthalene	11.36	162	370001	41.33	ng		94
47) 2-Nitroaniline	11.57	65	106820	40.78	ng	#	83
48) Acenaphthylene	12.01	152	596371	38.96	ng		98
49) Dimethylphthalate	11.90	163	457322	43.33	ng		98
50) 2,6-Dinitrotoluene	12.00	165	97752	42.46	ng	#	87
51) Acenaphthene	12.30	154	351934	39.81	ng		98
52) 3-Nitroaniline	12.26	138	70040	26.11	ng		84
53) 2,4-Dinitrophenol	12.47	184	97132	74.96	ng	#	63
54) Dibenzofuran	12.58	168	542254	43.58	ng		98
55) 4-Nitrophenol	12.65	139	123587	78.98	ng	#	78
56) 2,4-Dinitrotoluene	12.66	165	133567	42.95	ng	#	88
57) Fluorene	13.13	166	434120	40.09	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.83	232	93740	48.15	ng	#	89
59) Diethylphthalate	13.05	149	447604	44.07	ng		100
60) 4-Chlorophenyl-phenylether	13.16	204	200484	42.58	ng		89
61) 4-Nitroaniline	13.26	138	101229	40.42	ng		96
62) Azobenzene	13.42	77	405527	44.05	ng		94
64) 4,6-Dinitro-2-methylphenol	13.33	198	67972	40.69	ng	#	69
65) n-Nitrosodiphenylamine	13.38	169	377610	41.35	ng		99
66) 4-Bromophenyl-phenylether	13.94	248	112466	42.58	ng		98
67) Hexachlorobenzene	14.03	284	110443	42.43	ng	#	87
68) Atrazine	14.30	200	113759	44.76	ng		96
69) Pentachlorophenol	14.39	266	80883	81.79	ng		97
70) Phenanthrene	14.67	178	612233	41.75	ng		97
71) Anthracene	14.76	178	636103	41.55	ng		98
72) Carbazole	15.05	167	577837	38.73	ng		98
73) Di-n-butylphthalate	15.64	149	710868	44.78	ng		99
74) Fluoranthene	16.45	202	620365	42.74	ng		97
76) Benzidine	16.67	184	245023	30.97	ng	#	92
77) Pyrene	16.75	202	625589	40.70	ng		99
79) Butylbenzylphthalate	17.67	149	295025	43.95	ng	#	86
80) Benzo(a)anthracene	18.34	228	499659	41.72	ng		99
81) 3,3'-Dichlorobenzidine	18.32	252	121341	28.50	ng	#	96
82) Chrysene	18.39	228	481941	40.27	ng		99
83) Bis(2-ethylhexyl)phthalate	18.43	149	419464	44.30	ng	#	100
84) Di-n-octyl phthalate	19.20	149	692898	44.41	ng	#	95
85) Indeno(1,2,3-cd)pyrene	21.19	276	390653	38.15	ng		100
87) Benzo(b)fluoranthene	19.61	252	486439	45.33	ng		99
88) Benzo(k)fluoranthene	19.64	252	405913	39.57	ng		96
89) Benzo(a)pyrene	19.96	252	420486	42.63	ng		99
90) Dibenzo(a,h)anthracene	21.19	278	324090	38.73	ng		96
91) Benzo(g,h,i)perylene	21.52	276	324995	38.10	ng		97

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

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