Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094984.D
Acq On : 8 May 2017 17:22
Operator : SJ/MA
Sample : PB98770BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98770BS

Manual Integrations APPROVED
mohammad
5/9/2017 5:02:26 PM

Quant Time: May 08 19:03:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	93499	20.00	ng		-0.01
21) Naphthalene-d8	9.74	136	375812	20.00	ng		-0.02
38) Acenaphthene-d10	12.57	164	172314	20.00	ng		-0.02
63) Phenanthrene-d10	14.97	188	308958	20.00	ng		-0.02
75) Chrysene-d12	18.64	240	277875	20.00	ng		-0.01
86) Perylene-d12	20.30	264	208689	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	715153	127.52	ng		0.00
7) Phenol-d6	7.27	99	921481	136.94	ng		-0.01
23) Nitrobenzene-d5	8.62	82	535097	89.79	ng		-0.02
41) 2,4,6-Tribromophenol	13.87	330	198240	140.48	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	1067332	89.15	ng		-0.02
78) Terphenyl-d14	17.29	244	1015682	80.51	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	89979	32.71	ng		93
3) Pyridine	2.82	79	226061	35.46	ng		97
4) n-Nitrosodimethylamine	2.74	42	105157	39.58	ng		85
6) Aniline	7.22	93	314232	36.99	ng		96
8) 2-Chlorophenol	7.41	128	286959	44.96	ng		96
9) Benzaldehyde	7.05	77	30093	7.32	ng		94
10) Phenol	7.28	94	324845	45.81	ng		90
11) bis(2-Chloroethyl)ether	7.35	93	248292	42.42	ng		95
12) 1,3-Dichlorobenzene	7.62	146	301622	41.66	ng		98
13) 1,4-Dichlorobenzene	7.75	146	312405	42.54	ng		98
14) 1,2-Dichlorobenzene	7.98	146	290189	42.34	ng		96
15) Benzyl Alcohol	8.00	79	225344	52.07	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	331048	39.96	ng	#	38
17) 2-Methylphenol	8.21	107	231368	44.29	ng	#	90
18) Hexachloroethane	8.50	117	102720	41.29	ng	#	86
19) n-Nitroso-di-n-propylamine	8.42	70	191385	42.05	ng		96
20) 3+4-Methylphenols	8.47	107	311301	43.86	ng	#	60
22) Acetophenone	8.39	105	398734	44.22	ng	#	84
24) Nitrobenzene	8.65	77	276457	44.26	ng		92
25) Isophorone	9.05	82	483317	45.42	ng		95
26) 2-Nitrophenol	9.15	139	158061	46.89	ng		98
27) 2,4-Dimethylphenol	9.29	122	250047	45.88	ng		98
28) bis(2-Chloroethoxy)methane	9.41	93	306376	41.62	ng		99
29) 2,4-Dichlorophenol	9.57	162	233436	45.36	ng		99
30) 1,2,4-Trichlorobenzene	9.66	180	236257	42.85	ng		98
31) Naphthalene	9.77	128	804855	42.61	ng		100
32) Benzoic acid	9.61	122	152280	43.13	ng		98
33) 4-Chloroaniline	9.92	127	121751	17.30	ng	#	91
34) Hexachlorobutadiene	9.99	225	118075	40.59	ng		98
35) Caprolactam	10.53	113	76227m	49.33	ng		
36) 4-Chloro-3-methylphenol	10.77	107	245909	44.70	ng		92
37) 2-Methylnaphthalene	10.90	142	566183	45.67	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	223664	42.21	ng		99
40) Hexachlorocyclopentadiene	11.15	237	186013	83.23	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	161091	45.53	ng		98
43) 2,4,5-Trichlorophenol	11.48	196	166956	43.90	ng		92
45) 1,1'-Biphenyl	11.66	154	634575	43.74	ng		96
46) 2-Chloronaphthalene	11.68	162	503118	42.95	ng		95
47) 2-Nitroaniline	11.89	65	143421	44.73	ng	#	77
48) Acenaphthylene	12.34	152	819379	44.66	ng		99
49) Dimethylphthalate	12.21	163	594194	42.00	ng		99
50) 2,6-Dinitrotoluene	12.30	165	136130	47.17	ng		97
51) Acenaphthene	12.62	154	480093	43.81	ng		100
52) 3-Nitroaniline	12.57	138	87978	28.40	ng		94
53) 2,4-Dinitrophenol	12.77	184	137682	86.10	ng	#	68
54) Dibenzofuran	12.91	168	737127	48.60	ng		98
55) 4-Nitrophenol	12.95	139	196611	105.68	ng	#	77
56) 2,4-Dinitrotoluene	12.97	165	185179	49.94	ng	#	89
57) Fluorene	13.46	166	592775	44.95	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.14	232	131614	54.99	ng	#	95
59) Diethylphthalate	13.36	149	591641	43.64	ng		98
60) 4-Chlorophenyl-phenylether	13.48	204	260101	44.88	ng		95
61) 4-Nitroaniline	13.58	138	140671	49.47	ng		95
62) Azobenzene	13.74	77	553554	50.81	ng		96
64) 4,6-Dinitro-2-methylphenol	13.63	198	96580	46.63	ng	#	65
65) n-Nitrosodiphenylamine	13.70	169	509909	45.47	ng		99
66) 4-Bromophenyl-phenylether	14.27	248	144153	44.16	ng		100
67) Hexachlorobenzene	14.35	284	149023	44.55	ng	#	86
68) Atrazine	14.62	200	160294	50.63	ng		99
69) Pentachlorophenol	14.71	266	130641	85.91	ng		98
70) Phenanthrene	15.01	178	830019	46.76	ng		98
71) Anthracene	15.09	178	867114	47.82	ng		98
72) Carbazole	15.37	167	815472	49.43	ng		98
73) Di-n-butylphthalate	15.94	149	973731	47.33	ng		99
74) Fluoranthene	16.75	202	873953	47.99	ng		99
76) Benzidine	16.97	184	410511	53.71	ng	#	93
77) Pyrene	17.05	202	882036	42.44	ng		99
79) Butylbenzylphthalate	17.95	149	424748	43.94	ng		88
80) Benzo(a)anthracene	18.62	228	738282	45.65	ng		99
81) 3,3'-Dichlorobenzidine	18.61	252	149808	26.82	ng	#	95
82) Chrysene	18.67	228	691863	44.24	ng		98
83) Bis(2-ethylhexyl)phthalate	18.70	149	582838	42.32	ng	#	100
84) Di-n-octyl phthalate	19.47	149	991886	43.93	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	546386	43.03	ng		99
87) Benzo(b)fluoranthene	19.90	252	650647	50.46	ng		98
88) Benzo(k)fluoranthene	19.92	252	615686	49.50	ng		96
89) Benzo(a)pyrene	20.25	252	573970	48.24	ng		99
90) Dibenzo(a,h)anthracene	21.60	278	458362	46.64	ng		98
91) Benzo(g,h,i)perylene	21.97	276	456631	47.35	ng		97

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

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