Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
Data File : BF095658.D
Acq On : 3 Jun 2017 5:25
Operator : SJ/MA
Sample : PB99424BSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB99424BSD

Manual Integrations APPROVED
mohammad
6/6/2017 8:49:30 AM

Quant Time: Jun 05 06:39:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 18:51:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	84704	20.00	ng		0.00
21) Naphthalene-d8	9.57	136	338994	20.00	ng		0.00
38) Acenaphthene-d10	12.40	164	136283	20.00	ng		0.00
63) Phenanthrene-d10	14.80	188	197331	20.00	ng		0.00
75) Chrysene-d12	18.50	240	150772	20.00	ng		0.00
86) Perylene-d12	20.17	264	102903	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	486935	95.84	ng		0.02
7) Phenol-d6	7.10	99	560807	92.00	ng		0.00
23) Nitrobenzene-d5	8.46	82	481036	89.48	ng		0.00
41) 2,4,6-Tribromophenol	13.70	330	87564	78.45	ng		0.00
44) 2-Fluorobiphenyl	11.35	172	907933	95.89	ng		0.00
78) Terphenyl-d14	17.15	244	553229	80.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	83848	33.65	ng		93
3) Pyridine	2.52	79	214035	37.06	ng		95
4) n-Nitrosodimethylamine	2.49	42	87537	36.37	ng		79
6) Aniline	7.04	93	235976	30.66	ng		95
8) 2-Chlorophenol	7.23	128	258074	44.63	ng		94
9) Benzaldehyde	6.85	77	136916	36.78	ng		98
10) Phenol	7.11	94	315067	49.05	ng		91
11) bis(2-Chloroethyl)ether	7.17	93	222513	41.96	ng		97
12) 1,3-Dichlorobenzene	7.44	146	268788	40.98	ng		98
13) 1,4-Dichlorobenzene	7.56	146	273072	41.05	ng		96
14) 1,2-Dichlorobenzene	7.80	146	257009	41.39	ng		96
15) Benzyl Alcohol	7.83	79	193107	49.25	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.03	45	315473	42.03	ng		97
17) 2-Methylphenol	8.06	107	212719	44.95	ng		94
18) Hexachloroethane	8.32	117	71540	31.75	ng		87
19) n-Nitroso-di-n-propylamine	8.26	70	175146	42.48	ng		96
20) 3+4-Methylphenols	8.33	107	269970	41.98	ng	#	60
22) Acetophenone	8.22	105	346318	42.58	ng	#	84
24) Nitrobenzene	8.48	77	242385	43.02	ng		92
25) Isophorone	8.88	82	434616	45.28	ng		95
26) 2-Nitrophenol	8.99	139	122281	40.22	ng		98
27) 2,4-Dimethylphenol	9.14	122	220627	44.88	ng		97
28) bis(2-Chloroethoxy)methane	9.26	93	288038	43.38	ng		98
29) 2,4-Dichlorophenol	9.43	162	203323	43.80	ng		98
30) 1,2,4-Trichlorobenzene	9.50	180	199416	40.10	ng		96
31) Naphthalene	9.60	128	701958	41.20	ng		99
32) Benzoic acid	9.48	122	81148	27.56	ng		99
33) 4-Chloroaniline	9.76	127	148806	23.44	ng	#	92
34) Hexachlorobutadiene	9.82	225	104487	39.82	ng		99
35) Caprolactam	10.37	113	61681	44.25	ng	#	85
36) 4-Chloro-3-methylphenol	10.62	107	204214	41.15	ng		88
37) 2-Methylnaphthalene	10.73	142	467160	41.78	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.01	216	183051	43.68	ng		99
40) Hexachlorocyclopentadiene	10.98	237	5473	8.93	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.24	196	125234	44.75	ng		97
43) 2,4,5-Trichlorophenol	11.33	196	116880	38.86	ng		93
45) 1,1'-Biphenyl	11.50	154	523685	45.64	ng		97
46) 2-Chloronaphthalene	11.52	162	399382	43.11	ng		95
47) 2-Nitroaniline	11.73	65	117865	46.48	ng	#	82
48) Acenaphthylene	12.17	152	605181	41.70	ng		99
49) Dimethylphthalate	12.05	163	476450	42.59	ng		99
50) 2,6-Dinitrotoluene	12.15	165	94802	41.53	ng		95
51) Acenaphthene	12.45	154	350688	40.46	ng		99
52) 3-Nitroaniline	12.42	138	84867	34.64	ng		91
53) 2,4-Dinitrophenol	12.67	184	8270	12.31	ng	#	62
54) Dibenzofuran	12.74	168	534181	44.54	ng		97
55) 4-Nitrophenol	12.83	139	107839	73.29	ng	#	79
56) 2,4-Dinitrotoluene	12.82	165	116547	39.74	ng	#	96
57) Fluorene	13.29	166	407721	39.09	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.99	232	82295	43.48	ng	#	94
59) Diethylphthalate	13.19	149	444694	41.47	ng		100
60) 4-Chlorophenyl-phenylether	13.32	204	186088	40.60	ng		88
61) 4-Nitroaniline	13.42	138	91369	40.63	ng		94
62) Azobenzene	13.57	77	375883	43.62	ng		94
64) 4,6-Dinitro-2-methylphenol	13.51	198	12136	9.17	ng	#	20
65) n-Nitrosodiphenylamine	13.53	169	350852	48.99	ng		100
66) 4-Bromophenyl-phenylether	14.10	248	99198	47.58	ng		95
67) Hexachlorobenzene	14.19	284	90341	42.28	ng	#	88
68) Atrazine	14.44	200	95013	46.99	ng		93
69) Pentachlorophenol	14.56	266	59112	62.57	ng		99
70) Phenanthrene	14.84	178	493347	43.51	ng		98
71) Anthracene	14.92	178	510122	44.05	ng		98
72) Carbazole	15.22	167	460981	43.75	ng		97
73) Di-n-butylphthalate	15.79	149	612316	46.60	ng		99
74) Fluoranthene	16.60	202	465971	40.06	ng		98
76) Benzidine	16.83	184	375631	86.06	ng	#	92
77) Pyrene	16.90	202	477260	42.32	ng		99
79) Butylbenzylphthalate	17.81	149	225092	42.92	ng	#	86
80) Benzo(a)anthracene	18.49	228	383375	43.69	ng		98
81) 3,3'-Dichlorobenzidine	18.47	252	145444	47.99	ng	#	96
82) Chrysene	18.53	228	368865	43.47	ng		99
83) Bis(2-ethylhexyl)phthalate	18.56	149	314566	42.09	ng		100
84) Di-n-octyl phthalate	19.33	149	525831	42.92	ng		96
85) Indeno(1,2,3-cd)pyrene	21.41	276	244768	35.52	ng		99
87) Benzo(b)fluoranthene	19.76	252	284903	44.81	ng		98
88) Benzo(k)fluoranthene	19.79	252	314494m	51.28	ng		
89) Benzo(a)pyrene	20.12	252	268175	45.71	ng		98
90) Dibenzo(a,h)anthracene	21.41	278	205610	42.43	ng		96
91) Benzo(g,h,i)perylene	21.77	276	202928	42.67	ng		96

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

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