Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
Data File : BF095080.D
Acq On : 11 May 2017 15:16
Operator : SJ/MA
Sample : PB98841BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98841BSD

Manual Integrations APPROVED
mohammad
5/12/2017 3:35:58 PM

Quant Time: May 11 16:39:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 16:33:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	82059	20.00	ng		0.00
21) Naphthalene-d8	9.72	136	382510	20.00	ng		0.00
38) Acenaphthene-d10	12.55	164	175331	20.00	ng		0.00
63) Phenanthrene-d10	14.96	188	313676	20.00	ng		0.00
75) Chrysene-d12	18.63	240	297819	20.00	ng		0.00
86) Perylene-d12	20.29	264	206958	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	495349	100.64	ng		0.02
7) Phenol-d6	7.25	99	577991	97.87	ng		0.00
23) Nitrobenzene-d5	8.61	82	489716	80.73	ng		0.00
41) 2,4,6-Tribromophenol	13.85	330	138165	96.22	ng		0.00
44) 2-Fluorobiphenyl	11.50	172	941332	77.28	ng		0.00
78) Terphenyl-d14	17.28	244	1007724	74.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	88863	36.81	ng		96
3) Pyridine	2.74	79	216829	38.76	ng		96
4) n-Nitrosodimethylamine	2.70	42	99698	42.75	ng		80
6) Aniline	7.21	93	243098	32.61	ng		96
8) 2-Chlorophenol	7.40	128	270435	48.27	ng		94
9) Benzaldehyde	7.05	77	21527	5.97	ng		96
10) Phenol	7.27	94	321267	51.62	ng		91
11) bis(2-Chloroethyl)ether	7.34	93	235566	45.85	ng		95
12) 1,3-Dichlorobenzene	7.61	146	254080	39.98	ng		98
13) 1,4-Dichlorobenzene	7.73	146	258779	40.15	ng		98
14) 1,2-Dichlorobenzene	7.97	146	249814	41.53	ng		97
15) Benzyl Alcohol	8.00	79	195645	51.51	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	299233	41.15	ng		96
17) 2-Methylphenol	8.22	107	204369	44.58	ng		97
18) Hexachloroethane	8.48	117	92035	42.16	ng	#	86
19) n-Nitroso-di-n-propylamine	8.42	70	176743	44.25	ng		93
20) 3+4-Methylphenols	8.47	107	275195	44.17	ng	#	58
22) Acetophenone	8.38	105	353510	38.52	ng	#	83
24) Nitrobenzene	8.64	77	248592	39.10	ng		96
25) Isophorone	9.04	82	461846	42.64	ng	#	94
26) 2-Nitrophenol	9.14	139	148915	43.40	ng		95
27) 2,4-Dimethylphenol	9.28	122	237467	42.81	ng		98
28) bis(2-Chloroethoxy)methane	9.41	93	300530	40.11	ng		99
29) 2,4-Dichlorophenol	9.58	162	227318	43.40	ng		99
30) 1,2,4-Trichlorobenzene	9.65	180	223115	39.76	ng		99
31) Naphthalene	9.76	128	750199	39.02	ng		100
32) Benzoic acid	9.59	122	81555	25.10	ng		96
33) 4-Chloroaniline	9.92	127	64660	9.03	ng		94
34) Hexachlorobutadiene	9.98	225	112161	37.88	ng		96
35) Caprolactam	10.53	113	60360m	38.38	ng		
36) 4-Chloro-3-methylphenol	10.76	107	237519	42.42	ng		87
37) 2-Methylnaphthalene	10.88	142	519419	41.17	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.16	216	213232	39.55	ng		99
40) Hexachlorocyclopentadiene	11.14	237	174171	77.08	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	138899	38.58	ng		97
43) 2,4,5-Trichlorophenol	11.48	196	137016	35.41	ng	#	90
45) 1,1'-Biphenyl	11.65	154	547443	37.08	ng		98
46) 2-Chloronaphthalene	11.67	162	431397	36.19	ng		95
47) 2-Nitroaniline	11.88	65	120994	37.09	ng	#	86
48) Acenaphthylene	12.32	152	724978	38.83	ng		99
49) Dimethylphthalate	12.20	163	539672	37.49	ng		99
50) 2,6-Dinitrotoluene	12.29	165	120068	40.89	ng		97
51) Acenaphthene	12.61	154	444878	39.89	ng		99
52) 3-Nitroaniline	12.57	138	63286	20.08	ng		89
53) 2,4-Dinitrophenol	12.77	184	82112	53.05	ng	#	68
54) Dibenzofuran	12.89	168	700243	45.38	ng		98
55) 4-Nitrophenol	12.96	139	166476	87.94	ng	#	72
56) 2,4-Dinitrotoluene	12.96	165	175466	46.50	ng	#	88
57) Fluorene	13.45	166	589160	43.91	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.14	232	124603	51.17	ng		92
59) Diethylphthalate	13.35	149	581695	42.16	ng		100
60) 4-Chlorophenyl-phenylether	13.48	204	260018	44.09	ng	#	87
61) 4-Nitroaniline	13.57	138	129876	44.89	ng		97
62) Azobenzene	13.74	77	545802	49.23	ng		93
64) 4,6-Dinitro-2-methylphenol	13.62	198	82835	39.39	ng	#	70
65) n-Nitrosodiphenylamine	13.68	169	499975	43.92	ng		98
66) 4-Bromophenyl-phenylether	14.26	248	147818	44.60	ng		97
67) Hexachlorobenzene	14.35	284	146205	43.05	ng	#	91
68) Atrazine	14.61	200	144762	45.04	ng		97
69) Pentachlorophenol	14.70	266	109444	71.91	ng		98
70) Phenanthrene	14.99	178	786479	43.64	ng		98
71) Anthracene	15.08	178	837765	45.51	ng		98
72) Carbazole	15.37	167	782984	46.74	ng		97
73) Di-n-butylphthalate	15.93	149	1012879	48.49	ng		98
74) Fluoranthene	16.74	202	876024	47.38	ng		97
76) Benzidine	16.96	184	211707	29.26	ng	#	93
77) Pyrene	17.04	202	892598	40.07	ng		99
79) Butylbenzylphthalate	17.94	149	425873	41.11	ng		87
80) Benzo(a)anthracene	18.62	228	693692	40.02	ng		99
81) 3,3'-Dichlorobenzidine	18.60	252	143213	23.92	ng	#	94
82) Chrysene	18.67	228	653039	38.96	ng		98
83) Bis(2-ethylhexyl)phthalate	18.69	149	600920	40.71	ng	#	98
84) Di-n-octyl phthalate	19.45	149	989098	40.87	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	476196	34.99	ng		100
87) Benzo(b)fluoranthene	19.89	252	528753	41.35	ng		99
88) Benzo(k)fluoranthene	19.92	252	565430	45.84	ng	#	95
89) Benzo(a)pyrene	20.24	252	497749	42.18	ng		100
90) Dibenzo(a,h)anthracene	21.59	278	394748	40.51	ng		98
91) Benzo(g,h,i)perylene	21.96	276	390167	40.80	ng		97

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

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