Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081083.D
Acq On : 19 Aug 2015 15:28
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:40:56 PM

Quant Time: Aug 20 00:57:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	63544	20.00	ng		-0.03
21) Naphthalene-d8	7.87	136	252817	20.00	ng		-0.03
38) Acenaphthene-d10	9.62	164	118410	20.00	ng		-0.03
63) Phenanthrene-d10	11.10	188	244830	20.00	ng		-0.03
75) Chrysene-d12	13.71	240	192039	20.00	ng		-0.03
86) Perylene-d12	15.05	264	145181	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	322910	76.43	ng		-0.03
7) Phenol-d6	6.24	99	441371	80.07	ng		-0.02
23) Nitrobenzene-d5	7.16	82	443882	80.20	ng		-0.02
41) 2,4,6-Tribromophenol	10.41	330	90255	87.93	ng		-0.03
44) 2-Fluorobiphenyl	8.96	172	689170	76.26	ng		-0.03
78) Terphenyl-d14	12.67	244	637860	71.21	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	79959m	40.16	ng		
3) Pyridine	2.64	79	258595	46.02	ng		84
4) n-Nitrosodimethylamine	2.60	42	132454	42.34	ng	#	81
6) Aniline	6.25	93	322167	40.20	ng	#	30
8) 2-Chlorophenol	6.38	128	204266	44.17	ng		87
9) Benzaldehyde	6.12	77	147289	41.45	ng		99
10) Phenol	6.25	94	244170	37.51	ng		88
11) bis(2-Chloroethyl)ether	6.34	93	205806	41.20	ng		95
12) 1,3-Dichlorobenzene	6.52	146	192536m	38.75	ng		
13) 1,4-Dichlorobenzene	6.60	146	194560	39.54	ng		95
14) 1,2-Dichlorobenzene	6.76	146	202080	43.88	ng		93
15) Benzyl Alcohol	6.74	79	181571	40.71	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	413611	42.14	ng		99
17) 2-Methylphenol	6.87	107	167937	42.33	ng		94
18) Hexachloroethane	7.11	117	82793	41.65	ng	#	86
19) n-Nitroso-di-n-propylamine	7.03	70	160656	42.07	ng		91
20) 3+4-Methylphenols	7.03	107	221736	44.03	ng	#	43
22) Acetophenone	7.02	105	285240	42.98	ng		91
24) Nitrobenzene	7.19	77	242295	41.87	ng	#	88
25) Isophorone	7.43	82	424626	41.14	ng		98
26) 2-Nitrophenol	7.50	139	94469	39.26	ng		87
27) 2,4-Dimethylphenol	7.55	122	192307	45.17	ng		92
28) bis(2-Chloroethoxy)methane	7.64	93	246403	40.41	ng		100
29) 2,4-Dichlorophenol	7.75	162	154354	43.06	ng		99
30) 1,2,4-Trichlorobenzene	7.83	180	166602	41.82	ng		96
31) Naphthalene	7.90	128	527367	37.42	ng		99
32) Benzoic acid	7.69	122	106291	44.39	ng		93
33) 4-Chloroaniline	7.95	127	218768	36.79	ng		97
34) Hexachlorobutadiene	8.02	225	91857	40.78	ng		96
35) Caprolactam	8.34	113	56094	44.78	ng	#	86
36) 4-Chloro-3-methylphenol	8.44	107	176520	41.32	ng		96
37) 2-Methylnaphthalene	8.59	142	392577	44.10	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	139141	36.42	ng		98
40) Hexachlorocyclopentadiene	8.74	237	79083	39.99	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	110483	40.94	ng		99
43) 2,4,5-Trichlorophenol	8.91	196	119816	44.42	ng		97
45) 1,1'-Biphenyl	9.06	154	417200	40.00	ng		99
46) 2-Chloronaphthalene	9.07	162	307537	36.70	ng	#	92
47) 2-Nitroaniline	9.18	65	142910	41.68	ng		94
48) Acenaphthylene	9.48	152	527411	35.19	ng		98
49) Dimethylphthalate	9.37	163	405843	41.62	ng		99
50) 2,6-Dinitrotoluene	9.43	165	93715	44.76	ng		94
51) Acenaphthene	9.66	154	339799	37.87	ng		98
52) 3-Nitroaniline	9.59	138	98314	37.52	ng		97
53) 2,4-Dinitrophenol	9.69	184	45946	44.39	ng		90
54) Dibenzofuran	9.83	168	443398	36.87	ng		92
55) 4-Nitrophenol	9.76	139	89194	48.47	ng	#	67
56) 2,4-Dinitrotoluene	9.83	165	114260	41.17	ng		96
57) Fluorene	10.17	166	387465	41.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	93823	44.94	ng		96
59) Diethylphthalate	10.07	149	421052	40.79	ng	#	94
60) 4-Chlorophenyl-phenylether	10.17	204	180131	46.02	ng	#	87
61) 4-Nitroaniline	10.20	138	117299	43.80	ng		86
62) Azobenzene	10.33	77	487950	41.02	ng		88
64) 4,6-Dinitro-2-methylphenol	10.23	198	62477	42.73	ng		86
65) n-Nitrosodiphenylamine	10.28	169	322305	36.88	ng		99
66) 4-Bromophenyl-phenylether	10.65	248	89565	37.24	ng	#	71
67) Hexachlorobenzene	10.71	284	92243	37.87	ng	#	74
68) Atrazine	10.82	200	96486	39.63	ng		99
69) Pentachlorophenol	10.90	266	56838	38.89	ng		98
70) Phenanthrene	11.12	178	525122	36.19	ng		98
71) Anthracene	11.18	178	537369	38.06	ng		98
72) Carbazole	11.32	167	488571	35.94	ng		99
73) Di-n-butylphthalate	11.68	149	699213	42.51	ng		99
74) Fluoranthene	12.30	202	615400	39.30	ng		95
76) Benzidine	12.42	184	279164	38.48	ng		99
77) Pyrene	12.53	202	633515	40.58	ng		99
79) Butylbenzylphthalate	13.15	149	263623	39.28	ng	#	66
80) Benzo(a)anthracene	13.70	228	517058	40.15	ng		100
81) 3,3'-Dichlorobenzidine	13.68	252	189974	45.54	ng	#	96
82) Chrysene	13.74	228	382922	32.99	ng		99
83) Bis(2-ethylhexyl)phthalate	13.73	149	373348	43.44	ng	#	98
84) Di-n-octyl phthalate	14.33	149	634619	48.58	ng		98
85) Indeno(1,2,3-cd)pyrene	16.26	276	342856	42.07	ng	#	94
87) Benzo(b)fluoranthene	14.70	252	438820m	42.73	ng		
88) Benzo(k)fluoranthene	14.72	252	323557m	33.81	ng		
89) Benzo(a)pyrene	15.01	252	366467	40.96	ng	#	97
90) Dibenzo(a,h)anthracene	16.27	278	284310	40.78	ng	#	94
91) Benzo(g,h,i)perylene	16.62	276	277007	39.16	ng	#	90

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

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