Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
Data File : BF079221.D
Acq On : 14 May 2015 5:21
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
5/14/2015 5:03:09 PM

Quant Time: May 14 06:31:50 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 06:16:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	64853	20.00	ng		0.00
21) Naphthalene-d8	8.81	136	267061	20.00	ng		0.00
38) Acenaphthene-d10	10.98	164	128590	20.00	ng		0.00
63) Phenanthrene-d10	12.83	188	254260	20.00	ng		0.00
75) Chrysene-d12	16.13	240	269566	20.00	ng		0.00
86) Perylene-d12	17.85	264	282300	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	275952	73.24	ng		0.00
7) Phenol-d6	6.80	99	358955	72.08	ng		0.00
23) Nitrobenzene-d5	7.93	82	357059	76.84	ng		0.00
41) 2,4,6-Tribromophenol	11.96	330	109616	78.80	ng		0.00
44) 2-Fluorobiphenyl	10.16	172	683562	74.06	ng		0.00
78) Terphenyl-d14	14.82	244	795794	70.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	59918	36.58	ng	#	28
3) Pyridine	2.86	79	175448	36.60	ng		97
4) n-Nitrosodimethylamine	2.79	42	70807m	34.47	ng		
6) Aniline	6.82	93	253938	36.12	ng	#	64
8) 2-Chlorophenol	6.97	128	159394	37.30	ng		90
9) Benzaldehyde	6.68	77	111843	33.34	ng		95
10) Phenol	6.82	94	205637	35.60	ng	#	46
11) bis(2-Chloroethyl)ether	6.92	93	156238	36.89	ng		95
12) 1,3-Dichlorobenzene	7.15	146	175446	36.53	ng		98
13) 1,4-Dichlorobenzene	7.26	146	183422	37.11	ng		99
14) 1,2-Dichlorobenzene	7.44	146	174982	38.03	ng		99
15) Benzyl Alcohol	7.42	79	126375	34.18	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.60	45	225174	34.75	ng		97
17) 2-Methylphenol	7.56	107	131389	38.21	ng		97
18) Hexachloroethane	7.85	117	54439	31.98	ng	#	81
19) n-Nitroso-di-n-propylamine	7.75	70	115525	34.35	ng		91
20) 3+4-Methylphenols	7.76	107	168238	36.72	ng	#	44
22) Acetophenone	7.75	105	223957	37.12	ng	#	90
24) Nitrobenzene	7.95	77	176872	38.40	ng	#	88
25) Isophorone	8.25	82	314754	36.54	ng		95
26) 2-Nitrophenol	8.34	139	78527	41.19	ng	#	87
27) 2,4-Dimethylphenol	8.41	122	147332	38.62	ng		97
28) bis(2-Chloroethoxy)methane	8.52	93	184077	34.66	ng		99
29) 2,4-Dichlorophenol	8.64	162	132889	39.17	ng		93
30) 1,2,4-Trichlorobenzene	8.74	180	139764	37.51	ng		95
31) Naphthalene	8.83	128	467871	36.77	ng		99
32) Benzoic acid	8.52	122	93062	40.14	ng		93
33) 4-Chloroaniline	8.91	127	210995	39.19	ng		97
34) Hexachlorobutadiene	8.99	225	80039	37.30	ng		99
35) Caprolactam	9.35	113	43480	39.64	ng		90
36) 4-Chloro-3-methylphenol	9.52	107	138583	38.89	ng		99
37) 2-Methylnaphthalene	9.70	142	335391	38.03	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.91	216	136537	37.70	ng	#	100
40) Hexachlorocyclopentadiene	9.88	237	7264	3.99	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.06	196	97262	39.06	ng		96
43) 2,4,5-Trichlorophenol	10.10	196	100707	40.01	ng	#	87
45) 1,1'-Biphenyl	10.28	154	379838	37.16	ng		97
46) 2-Chloronaphthalene	10.30	162	292631	36.70	ng		99
47) 2-Nitroaniline	10.43	65	94418	40.87	ng	#	77
48) Acenaphthylene	10.81	152	502279	38.36	ng		100
49) Dimethylphthalate	10.67	163	350901	37.18	ng		98
50) 2,6-Dinitrotoluene	10.74	165	75050	40.30	ng	#	79
51) Acenaphthene	11.03	154	284007	36.38	ng		99
52) 3-Nitroaniline	10.95	138	98960	42.54	ng	#	91
53) 2,4-Dinitrophenol	11.08	184	5518	15.53	ng	#	76
54) Dibenzofuran	11.24	168	421166	37.35	ng		95
55) 4-Nitrophenol	11.16	139	72390	39.31	ng		89
56) 2,4-Dinitrotoluene	11.24	165	94417	38.35	ng	#	64
57) Fluorene	11.67	166	348791	37.68	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.39	232	76935	37.40	ng	#	100
59) Diethylphthalate	11.54	149	344174	36.81	ng		98
60) 4-Chlorophenyl-phenylether	11.68	204	151598	36.92	ng		93
61) 4-Nitroaniline	11.70	138	108160	46.47	ng		84
62) Azobenzene	11.87	77	329664	35.78	ng		94
64) 4,6-Dinitro-2-methylphenol	11.75	198	14171	18.16	ng	#	59
65) n-Nitrosodiphenylamine	11.83	169	306364	36.18	ng		99
66) 4-Bromophenyl-phenylether	12.28	248	96673	36.48	ng	#	90
67) Hexachlorobenzene	12.34	284	109055	36.00	ng		93
68) Atrazine	12.50	200	88724	36.03	ng		95
69) Pentachlorophenol	12.59	266	59282	37.43	ng		97
70) Phenanthrene	12.86	178	495815	34.86	ng		99
71) Anthracene	12.93	178	527481	37.80	ng		99
72) Carbazole	13.13	167	514145	38.66	ng		99
73) Di-n-butylphthalate	13.58	149	609600	38.22	ng	#	98
74) Fluoranthene	14.34	202	570819	38.51	ng		91
76) Benzidine	14.51	184	359858	49.53	ng		98
77) Pyrene	14.62	202	586433	37.75	ng		99
79) Butylbenzylphthalate	15.44	149	270238	39.80	ng		96
80) Benzo(a)anthracene	16.11	228	557572	37.77	ng		99
81) 3,3'-Dichlorobenzidine	16.08	252	222128	42.24	ng	#	97
82) Chrysene	16.15	228	517334	36.44	ng		99
83) Bis(2-ethylhexyl)phthalate	16.16	149	393694	38.28	ng		99
84) Di-n-octyl phthalate	16.95	149	717507	39.61	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.29	276	689710	38.13	ng	#	100
87) Benzo(b)fluoranthene	17.41	252	668762	43.28	ng		100
88) Benzo(k)fluoranthene	17.44	252	473486m	31.65	ng		
89) Benzo(a)pyrene	17.79	252	550077	38.66	ng		100
90) Dibenzo(a,h)anthracene	19.31	278	563459	37.26	ng	#	97
91) Benzo(g,h,i)perylene	19.71	276	536149	35.38	ng	#	95

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

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