Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080400.D
Acq On : 8 Jul 2015 21:18
Operator : TP/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
7/9/2015 2:20:04 PM

Quant Time: Jul 09 02:32:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 09 00:53:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.21	152	39225	20.00	ng		0.00
21) Naphthalene-d8	8.50	136	173565	20.00	ng		0.00
38) Acenaphthene-d10	10.27	164	93620	20.00	ng		0.00
63) Phenanthrene-d10	11.77	188	210713	20.00	ng		-0.01
75) Chrysene-d12	14.65	240	216370	20.00	ng		-0.19
86) Perylene-d12	16.44	264	188863	20.00	ng		-0.32
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	165428	77.24	ng		-0.01
7) Phenol-d6	6.82	99	238969	84.17	ng		0.00
23) Nitrobenzene-d5	7.77	82	247001	83.00	ng		0.00
41) 2,4,6-Tribromophenol	11.06	330	83025	84.75	ng		0.00
44) 2-Fluorobiphenyl	9.57	172	505172	72.82	ng		0.00
78) Terphenyl-d14	13.43	244	797841	86.01	ng		-0.09
Target Compounds							Qvalue
2) 1,4-Dioxane	2.96	88	35786	35.39	ng		96
3) Pyridine	3.81	79	97792	38.00	ng		99
4) n-Nitrosodimethylamine	3.71	42	49311	40.78	ng	#	91
6) Aniline	6.86	93	171475	43.62	ng		98
8) 2-Chlorophenol	6.99	128	105239	42.39	ng		100
9) Benzaldehyde	6.75	77	69420	43.96	ng		99
10) Phenol	6.83	94	142401	46.26	ng		96
11) bis(2-Chloroethyl)ether	6.92	93	92121	39.67	ng		100
12) 1,3-Dichlorobenzene	7.15	146	123517	40.53	ng		99
13) 1,4-Dichlorobenzene	7.23	146	116978	41.10	ng		99
14) 1,2-Dichlorobenzene	7.38	146	117227	40.69	ng		97
15) Benzyl Alcohol	7.33	79	95665	43.53	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.48	45	168946	44.99	ng		94
17) 2-Methylphenol	7.45	107	89155	46.33	ng		98
18) Hexachloroethane	7.73	117	36276	39.67	ng		96
19) n-Nitroso-di-n-propylamine	7.61	70	90003	48.86	ng		96
20) 3+4-Methylphenols	7.60	107	124766	46.52	ng		96
22) Acetophenone	7.61	105	155615	38.86	ng	#	98
24) Nitrobenzene	7.78	77	110441	36.95	ng		96
25) Isophorone	8.02	82	234831	41.00	ng		98
26) 2-Nitrophenol	8.11	139	56463	43.65	ng		98
27) 2,4-Dimethylphenol	8.13	122	107488	42.23	ng		98
28) bis(2-Chloroethoxy)methane	8.22	93	130991	36.82	ng		100
29) 2,4-Dichlorophenol	8.35	162	96778	42.83	ng		98
30) 1,2,4-Trichlorobenzene	8.44	180	104940	39.07	ng		99
31) Naphthalene	8.52	128	360459	40.49	ng		100
32) Benzoic acid	8.21	122	60375	45.14	ng		96
33) 4-Chloroaniline	8.56	127	139757m	39.38	ng		
34) Hexachlorobutadiene	8.64	225	61202	37.46	ng		98
35) Caprolactam	8.90	113	31925	45.75	ng		93
36) 4-Chloro-3-methylphenol	9.04	107	99349	42.61	ng	#	72
37) 2-Methylnaphthalene	9.22	142	238969	42.10	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.38	216	110661	37.30	ng		98
40) Hexachlorocyclopentadiene	9.37	237	25748	26.09	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.49	196	75816	38.79	ng		100
43) 2,4,5-Trichlorophenol	9.53	196	91410	40.12	ng		97
45) 1,1'-Biphenyl	9.68	154	323887	38.98	ng		99
46) 2-Chloronaphthalene	9.71	162	247763	39.10	ng		98
47) 2-Nitroaniline	9.79	65	77827	43.90	ng		99
48) Acenaphthylene	10.12	152	411515	39.02	ng		99
49) Dimethylphthalate	9.97	163	293508	39.05	ng	#	97
50) 2,6-Dinitrotoluene	10.03	165	64163	40.83	ng		97
51) Acenaphthene	10.30	154	254054	40.24	ng		99
52) 3-Nitroaniline	10.20	138	74176	41.89	ng		94
53) 2,4-Dinitrophenol	10.32	184	19488	33.43	ng		96
54) Dibenzofuran	10.48	168	370533	41.28	ng		100
55) 4-Nitrophenol	10.35	139	59025	45.48	ng		88
56) 2,4-Dinitrotoluene	10.44	165	93079	46.06	ng		92
57) Fluorene	10.82	166	313346	40.54	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.59	232	76555	41.95	ng		98
59) Diethylphthalate	10.67	149	302065	40.23	ng		99
60) 4-Chlorophenyl-phenylether	10.81	204	144116	42.13	ng		99
61) 4-Nitroaniline	10.82	138	77762	45.24	ng		92
62) Azobenzene	10.97	77	306483	42.98	ng		98
64) 4,6-Dinitro-2-methylphenol	10.85	198	44736	37.74	ng		90
65) n-Nitrosodiphenylamine	10.92	169	271561	40.46	ng		100
66) 4-Bromophenyl-phenylether	11.30	248	96562	40.00	ng		97
67) Hexachlorobenzene	11.38	284	101634	40.14	ng		100
68) Atrazine	11.44	200	84427	42.26	ng		97
69) Pentachlorophenol	11.56	266	41676	33.29	ng		95
70) Phenanthrene	11.79	178	506668	40.09	ng		100
71) Anthracene	11.85	178	492530	39.74	ng		99
72) Carbazole	12.00	167	482479	41.74	ng		98
73) Di-n-butylphthalate	12.32	149	542834	41.06	ng		99
74) Fluoranthene	13.03	202	553760	40.78	ng		99
76) Benzidine	13.14	184	252731	46.05	ng		99
77) Pyrene	13.28	202	581393	44.43	ng		99
79) Butylbenzylphthalate	13.95	149	256697	49.15	ng		99
80) Benzo(a)anthracene	14.64	228	519337	39.83	ng		100
81) 3,3'-Dichlorobenzidine	14.58	252	180092	41.65	ng	#	97
82) Chrysene	14.68	228	479073	39.27	ng		99
83) Bis(2-ethylhexyl)phthalate	14.61	149	379892	47.72	ng	#	98
84) Di-n-octyl phthalate	15.39	149	607500	46.20	ng		98
85) Indeno(1,2,3-cd)pyrene	18.19	276	547714	38.18	ng		99
87) Benzo(b)fluoranthene	15.93	252	536488	45.20	ng		99
88) Benzo(k)fluoranthene	15.96	252	400482	35.64	ng		100
89) Benzo(a)pyrene	16.36	252	443764	40.88	ng	#	97
90) Dibenzo(a,h)anthracene	18.21	278	445961	41.72	ng		100
91) Benzo(g,h,i)perylene	18.73	276	440796	40.66	ng		99

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

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