Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087002.D
Acq On : 14 May 2016 6:34
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
5/14/2016 10:00:43 AM

Quant Time: May 14 07:04:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 23:02:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	155913	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	629188	20.00	ng		0.00
38) Acenaphthene-d10	9.66	164	304871	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	581634	20.00	ng		0.00
75) Chrysene-d12	13.76	240	410509	20.00	ng		0.00
86) Perylene-d12	15.11	264	337558	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	790008	85.81	ng		0.00
7) Phenol-d6	6.28	99	972985	79.08	ng		0.00
23) Nitrobenzene-d5	7.19	82	1051640	83.93	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	282398	87.50	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	1383897	76.29	ng		0.00
78) Terphenyl-d14	12.71	244	1497133	77.38	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	183524	40.60	ng	#	73
3) Pyridine	2.68	79	494357	44.74	ng	#	50
4) n-Nitrosodimethylamine	2.65	42	338403	42.23	ng	#	49
6) Aniline	6.28	93	600595	40.36	ng	#	75
8) 2-Chlorophenol	6.40	128	430847	38.78	ng	#	81
9) Benzaldehyde	6.16	77	275522	38.67	ng		99
10) Phenol	6.30	94	609453	41.67	ng		84
11) bis(2-Chloroethyl)ether	6.36	93	475323	41.68	ng		92
12) 1,3-Dichlorobenzene	6.55	146	449965m	37.43	ng		
13) 1,4-Dichlorobenzene	6.63	146	462045m	37.69	ng		
14) 1,2-Dichlorobenzene	6.79	146	438820	41.07	ng		99
15) Benzyl Alcohol	6.78	79	348912	41.07	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	6.90	45	947337	38.21	ng	#	49
17) 2-Methylphenol	6.90	107	345770	39.11	ng	#	81
18) Hexachloroethane	7.12	117	178535	38.70	ng		97
19) n-Nitroso-di-n-propylamine	7.05	70	373523	43.44	ng	#	72
20) 3+4-Methylphenols	7.06	107	472138	40.89	ng	#	60
22) Acetophenone	7.04	105	606665	40.82	ng	#	97
24) Nitrobenzene	7.21	77	541028	41.97	ng		97
25) Isophorone	7.45	82	907724	39.04	ng		97
26) 2-Nitrophenol	7.53	139	242760	42.85	ng	#	94
27) 2,4-Dimethylphenol	7.59	122	402044	41.66	ng		93
28) bis(2-Chloroethoxy)methane	7.67	93	494698	39.45	ng	#	98
29) 2,4-Dichlorophenol	7.78	162	353151	41.57	ng		94
30) 1,2,4-Trichlorobenzene	7.85	180	403890	42.52	ng		98
31) Naphthalene	7.93	128	1258861	39.95	ng		100
32) Benzoic acid	7.74	122	186761	32.95	ng	#	78
33) 4-Chloroaniline	7.99	127	501972	40.99	ng	#	91
34) Hexachlorobutadiene	8.04	225	227144	41.21	ng		97
35) Caprolactam	8.38	113	106633	36.89	ng	#	48
36) 4-Chloro-3-methylphenol	8.49	107	435806	42.30	ng		94
37) 2-Methylnaphthalene	8.62	142	791585	42.96	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	354832	40.03	ng		99
40) Hexachlorocyclopentadiene	8.76	237	126612	30.09	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	226289	38.18	ng		94
43) 2,4,5-Trichlorophenol	8.95	196	244438	39.88	ng	#	85
45) 1,1'-Biphenyl	9.08	154	1038300	42.82	ng		99
46) 2-Chloronaphthalene	9.11	162	794667	41.83	ng		99
47) 2-Nitroaniline	9.21	65	276987	39.89	ng	#	74
48) Acenaphthylene	9.52	152	1180551	42.25	ng		99
49) Dimethylphthalate	9.39	163	904401	38.88	ng		100
50) 2,6-Dinitrotoluene	9.46	165	208065	42.51	ng	#	68
51) Acenaphthene	9.69	154	758288	43.62	ng		98
52) 3-Nitroaniline	9.62	138	209275	40.61	ng	#	76
53) 2,4-Dinitrophenol	9.74	184	60015	29.38	ng		88
54) Dibenzofuran	9.86	168	941938	42.21	ng		98
55) 4-Nitrophenol	9.82	139	106130m	33.69	ng		
56) 2,4-Dinitrotoluene	9.86	165	265462	43.82	ng		92
57) Fluorene	10.19	166	751365	39.48	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	194355	42.11	ng		97
59) Diethylphthalate	10.09	149	957164	42.23	ng		98
60) 4-Chlorophenyl-phenylether	10.19	204	359037	42.85	ng		97
61) 4-Nitroaniline	10.24	138	212922	43.02	ng	#	67
62) Azobenzene	10.35	77	1040279	42.54	ng		87
64) 4,6-Dinitro-2-methylphenol	10.27	198	120953	33.48	ng		88
65) n-Nitrosodiphenylamine	10.32	169	722170	40.42	ng		100
66) 4-Bromophenyl-phenylether	10.68	248	241349	40.93	ng	#	77
67) Hexachlorobenzene	10.74	284	262913	38.15	ng	#	78
68) Atrazine	10.86	200	256957	43.05	ng		94
69) Pentachlorophenol	10.95	266	122891	38.58	ng		98
70) Phenanthrene	11.15	178	1228069	39.56	ng		99
71) Anthracene	11.20	178	1236068	38.94	ng		99
72) Carbazole	11.37	167	1165128	42.70	ng		100
73) Di-n-butylphthalate	11.70	149	1301962	39.07	ng	#	98
74) Fluoranthene	12.33	202	1166262	36.53	ng		98
76) Benzidine	12.47	184	509082	48.64	ng		98
77) Pyrene	12.56	202	1239096	39.43	ng		99
79) Butylbenzylphthalate	13.19	149	523198	39.36	ng	#	69
80) Benzo(a)anthracene	13.75	228	947428	41.11	ng		99
81) 3,3'-Dichlorobenzidine	13.73	252	603275	41.20	ng	#	92
82) Chrysene	13.78	228	944671	40.30	ng		99
83) Bis(2-ethylhexyl)phthalate	13.75	149	632782	39.57	ng	#	94
84) Di-n-octyl phthalate	14.37	149	1057002	39.91	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.37	276	858652	44.02	ng		95
87) Benzo(b)fluoranthene	14.74	252	770071m	35.10	ng		
88) Benzo(k)fluoranthene	14.77	252	782716m	43.57	ng		
89) Benzo(a)pyrene	15.06	252	767469	40.56	ng		98
90) Dibenzo(a,h)anthracene	16.38	278	710862	44.57	ng	#	91
91) Benzo(g,h,i)perylene	16.73	276	751827	46.40	ng		94

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

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