Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087118.D
Acq On : 17 May 2016 22:56
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
5/18/2016 6:58:45 PM

Quant Time: May 18 03:18:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	140792	20.00	ng		-0.01
21) Naphthalene-d8	7.88	136	599113	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	293823	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	536056	20.00	ng		-0.01
75) Chrysene-d12	13.74	240	401264	20.00	ng		-0.02
86) Perylene-d12	15.10	264	352299	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	650309	77.64	ng		-0.02
7) Phenol-d6	6.26	99	797793	71.01	ng		-0.02
23) Nitrobenzene-d5	7.18	82	936095	77.87	ng		-0.01
41) 2,4,6-Tribromophenol	10.42	330	224140	69.03	ng		-0.02
44) 2-Fluorobiphenyl	8.96	172	1364450	76.91	ng		-0.02
78) Terphenyl-d14	12.70	244	1475238	83.17	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	165793	38.48	ng	#	74
3) Pyridine	2.65	79	405028	38.86	ng	#	66
4) n-Nitrosodimethylamine	2.62	42	280836	38.02	ng	#	51
6) Aniline	6.26	93	512674	35.93	ng	#	89
8) 2-Chlorophenol	6.39	128	381196	37.40	ng		97
9) Benzaldehyde	6.14	77	203806	31.85	ng		98
10) Phenol	6.27	94	507949	35.97	ng		74
11) bis(2-Chloroethyl)ether	6.34	93	411823	38.84	ng		91
12) 1,3-Dichlorobenzene	6.52	146	397172	36.66	ng	#	89
13) 1,4-Dichlorobenzene	6.60	146	407441	36.76	ng	#	92
14) 1,2-Dichlorobenzene	6.76	146	386247	39.80	ng		99
15) Benzyl Alcohol	6.75	79	311452	37.24	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	6.88	45	850939	39.03	ng		69
17) 2-Methylphenol	6.88	107	297919	35.59	ng	#	74
18) Hexachloroethane	7.10	117	155834	36.77	ng		94
19) n-Nitroso-di-n-propylamine	7.03	70	317078	37.13	ng	#	68
20) 3+4-Methylphenols	7.04	107	421269	38.16	ng	#	61
22) Acetophenone	7.02	105	570187	38.89	ng	#	95
24) Nitrobenzene	7.19	77	441990	33.67	ng		93
25) Isophorone	7.43	82	813293	36.96	ng		97
26) 2-Nitrophenol	7.51	139	218438	40.17	ng	#	80
27) 2,4-Dimethylphenol	7.56	122	347210	37.42	ng		88
28) bis(2-Chloroethoxy)methane	7.64	93	453781	37.56	ng	#	98
29) 2,4-Dichlorophenol	7.76	162	320901	39.25	ng		97
30) 1,2,4-Trichlorobenzene	7.83	180	341003	37.58	ng		95
31) Naphthalene	7.91	128	1181099	40.35	ng		100
32) Benzoic acid	7.72	122	177580	32.11	ng	#	79
33) 4-Chloroaniline	7.96	127	426635	35.07	ng	#	85
34) Hexachlorobutadiene	8.02	225	196550	38.17	ng		98
35) Caprolactam	8.35	113	111024	40.78	ng	#	47
36) 4-Chloro-3-methylphenol	8.47	107	365762	37.08	ng	#	84
37) 2-Methylnaphthalene	8.59	142	675350m	36.07	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	343480	40.02	ng		98
40) Hexachlorocyclopentadiene	8.74	237	94122	33.47	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	211901	38.07	ng		91
43) 2,4,5-Trichlorophenol	8.94	196	217457	37.61	ng	#	92
45) 1,1'-Biphenyl	9.06	154	944624	38.77	ng		97
46) 2-Chloronaphthalene	9.08	162	706906	37.79	ng		95
47) 2-Nitroaniline	9.20	65	289143	40.34	ng		89
48) Acenaphthylene	9.50	152	1099397	38.49	ng		99
49) Dimethylphthalate	9.37	163	866311	38.65	ng		99
50) 2,6-Dinitrotoluene	9.44	165	185925	38.20	ng	#	85
51) Acenaphthene	9.67	154	706714	39.61	ng		98
52) 3-Nitroaniline	9.61	138	208983	39.67	ng		88
53) 2,4-Dinitrophenol	9.72	184	81794	32.33	ng		92
54) Dibenzofuran	9.84	168	888070	38.49	ng		96
55) 4-Nitrophenol	9.80	139	80146m	34.23	ng		
56) 2,4-Dinitrotoluene	9.84	165	209739	33.65	ng	#	45
57) Fluorene	10.18	166	779454	42.05	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	164986	36.64	ng		97
59) Diethylphthalate	10.07	149	773644	36.16	ng		100
60) 4-Chlorophenyl-phenylether	10.17	204	328150	37.34	ng		95
61) 4-Nitroaniline	10.23	138	217415	41.79	ng	#	78
62) Azobenzene	10.33	77	864952	35.08	ng		83
64) 4,6-Dinitro-2-methylphenol	10.25	198	129401	36.65	ng	#	38
65) n-Nitrosodiphenylamine	10.30	169	607669	36.02	ng		100
66) 4-Bromophenyl-phenylether	10.66	248	218188	39.58	ng		94
67) Hexachlorobenzene	10.72	284	244320	38.23	ng	#	64
68) Atrazine	10.83	200	188926	34.33	ng		95
69) Pentachlorophenol	10.93	266	95540	39.79	ng		97
70) Phenanthrene	11.13	178	1024375	35.23	ng		99
71) Anthracene	11.19	178	1215445	41.33	ng		100
72) Carbazole	11.35	167	945060	35.18	ng		99
73) Di-n-butylphthalate	11.68	149	1176422	38.13	ng	#	98
74) Fluoranthene	12.32	202	1176612	40.39	ng		91
76) Benzidine	12.45	184	301738	23.61	ng		98
77) Pyrene	12.54	202	1090457	37.62	ng		100
79) Butylbenzylphthalate	13.18	149	526191	43.00	ng		98
80) Benzo(a)anthracene	13.73	228	881163	37.98	ng		100
81) 3,3'-Dichlorobenzidine	13.70	252	656138	44.44	ng		98
82) Chrysene	13.77	228	910005	40.54	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	674040	45.26	ng	#	99
84) Di-n-octyl phthalate	14.34	149	1152699	44.93	ng	#	83
85) Indeno(1,2,3-cd)pyrene	16.33	276	749403	38.03	ng		95
87) Benzo(b)fluoranthene	14.73	252	916138m	39.20	ng		
88) Benzo(k)fluoranthene	14.75	252	697928m	40.11	ng		
89) Benzo(a)pyrene	15.04	252	733720	37.56	ng		98
90) Dibenzo(a,h)anthracene	16.34	278	626188	38.07	ng		96
91) Benzo(g,h,i)perylene	16.71	276	623740	37.54	ng	#	90

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

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