Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089760.D
Acq On : 17 Aug 2016 14:03
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
8/18/2016 5:59:00 PM

Quant Time: Aug 17 16:01:39 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 19:45:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	713304	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	2879201	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	1413873	20.00	ng		0.01
63) Phenanthrene-d10	11.22	188	2523895	20.00	ng		0.01
75) Chrysene-d12	13.87	240	1936594	20.00	ng		-0.02
86) Perylene-d12	15.35	264	1789951	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	3454139	80.80	ng		0.00
7) Phenol-d6	6.34	99	4211977	77.46	ng		0.01
23) Nitrobenzene-d5	7.27	82	4007906	85.00	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	993262	72.62	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	5400263	61.29	ng		0.00
78) Terphenyl-d14	12.81	244	5173699	79.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	828234	37.53	ng		97
3) Pyridine	2.86	79	2217594	38.99	ng		97
4) n-Nitrosodimethylamine	2.82	42	875623	38.36	ng	#	86
6) Aniline	6.36	93	2832573	38.75	ng		99
8) 2-Chlorophenol	6.48	128	1940131	38.15	ng		98
9) Benzaldehyde	6.24	77	1338944	37.15	ng		93
10) Phenol	6.35	94	2654278	39.22	ng		98
11) bis(2-Chloroethyl)ether	6.44	93	1936090	38.61	ng		99
12) 1,3-Dichlorobenzene	6.64	146	2011214	37.00	ng		98
13) 1,4-Dichlorobenzene	6.72	146	2121341	38.53	ng		99
14) 1,2-Dichlorobenzene	6.88	146	2058022	39.20	ng		98
15) Benzyl Alcohol	6.86	79	1408142	38.75	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2437481	37.05	ng		93
17) 2-Methylphenol	6.97	107	1722819	42.64	ng		96
18) Hexachloroethane	7.22	117	834176	41.33	ng		96
19) n-Nitroso-di-n-propylamine	7.13	70	1325462	37.22	ng		95
20) 3+4-Methylphenols	7.12	107	2022857	39.10	ng		96
22) Acetophenone	7.12	105	2505397	37.44	ng		93
24) Nitrobenzene	7.29	77	1981891	37.37	ng		98
25) Isophorone	7.54	82	3788303	40.15	ng	#	90
26) 2-Nitrophenol	7.61	139	1172780	46.99	ng		98
27) 2,4-Dimethylphenol	7.66	122	1990268	42.07	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	2345003	40.90	ng	#	95
29) 2,4-Dichlorophenol	7.85	162	1659400	42.13	ng		96
30) 1,2,4-Trichlorobenzene	7.93	180	1669174	39.48	ng		99
31) Naphthalene	8.01	128	4724990	36.56	ng		95
32) Benzoic acid	7.79	122	1559404	42.40	ng		99
33) 4-Chloroaniline	8.07	127	2559344	42.80	ng	#	96
34) Hexachlorobutadiene	8.14	225	859412	38.69	ng		100
35) Caprolactam	8.46	113	537353	44.27	ng		98
36) 4-Chloro-3-methylphenol	8.55	107	1592998	37.15	ng		92
37) 2-Methylnaphthalene	8.71	142	3760526	42.75	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	1597452	35.14	ng		98
40) Hexachlorocyclopentadiene	8.87	237	817614	40.36	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	1179699	40.18	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	1065137	38.05	ng	#	91
45) 1,1'-Biphenyl	9.18	154	4425400	37.79	ng		93
46) 2-Chloronaphthalene	9.19	162	3155875	35.97	ng		97
47) 2-Nitroaniline	9.29	65	1197600	44.79	ng	#	73
48) Acenaphthylene	9.60	152	5274533	39.05	ng		97
49) Dimethylphthalate	9.48	163	4186546	40.92	ng	#	98
50) 2,6-Dinitrotoluene	9.53	165	840782	36.31	ng	#	83
51) Acenaphthene	9.78	154	3633544	39.86	ng		99
52) 3-Nitroaniline	9.70	138	1245332	46.26	ng		84
53) 2,4-Dinitrophenol	9.79	184	410507	40.59	ng	#	81
54) Dibenzofuran	9.94	168	4239532	37.80	ng		99
55) 4-Nitrophenol	9.86	139	929283	44.87	ng	#	79
56) 2,4-Dinitrotoluene	9.93	165	1116599	37.52	ng	#	67
57) Fluorene	10.28	166	3165058	34.92	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	902516	41.28	ng		94
59) Diethylphthalate	10.18	149	4153039	40.04	ng		96
60) 4-Chlorophenyl-phenylether	10.28	204	1372459	30.85	ng		92
61) 4-Nitroaniline	10.31	138	1092851	41.81	ng		96
62) Azobenzene	10.44	77	3841198	39.19	ng		96
64) 4,6-Dinitro-2-methylphenol	10.34	198	672597	45.90	ng	#	63
65) n-Nitrosodiphenylamine	10.41	169	3419102	43.17	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	1101839	42.15	ng	#	88
67) Hexachlorobenzene	10.83	284	1149050	39.55	ng	#	85
68) Atrazine	10.94	200	863147	35.98	ng		97
69) Pentachlorophenol	11.03	266	768137	42.43	ng		99
70) Phenanthrene	11.24	178	4993217	40.25	ng		92
71) Anthracene	11.29	178	4673312	36.05	ng		96
72) Carbazole	11.45	167	4670742	38.03	ng		95
73) Di-n-butylphthalate	11.79	149	5697577	38.14	ng		97
74) Fluoranthene	12.42	202	4453445	35.73	ng		91
76) Benzidine	12.55	184	2679247	38.55	ng		98
77) Pyrene	12.65	202	4791237	37.81	ng		92
79) Butylbenzylphthalate	13.29	149	2528160	39.76	ng	#	84
80) Benzo(a)anthracene	13.86	228	4436313	39.43	ng		96
81) 3,3'-Dichlorobenzidine	13.84	252	1778130	43.37	ng	#	92
82) Chrysene	13.91	228	4067081	40.16	ng		96
83) Bis(2-ethylhexyl)phthalate	13.89	149	3385193	40.23	ng	#	98
84) Di-n-octyl phthalate	14.56	149	5587686	42.73	ng		97
85) Indeno(1,2,3-cd)pyrene	16.65	276	3609767	41.84	ng		99
87) Benzo(b)fluoranthene	14.96	252	3792998m	33.44	ng		
88) Benzo(k)fluoranthene	14.99	252	3935734m	42.16	ng		
89) Benzo(a)pyrene	15.29	252	3541889	37.83	ng		98
90) Dibenzo(a,h)anthracene	16.67	278	2951556	40.03	ng		97
91) Benzo(g,h,i)perylene	17.04	276	2931504	39.07	ng		98

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

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