Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
Data File : BF081062.D
Acq On : 19 Aug 2015 1:40
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
8/19/2015 2:18:27 PM

Quant Time: Aug 19 02:21:33 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	62042	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	263496	20.00	ng		-0.01
38) Acenaphthene-d10	9.64	164	128040	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	245781	20.00	ng		-0.02
75) Chrysene-d12	13.74	240	189638	20.00	ng		-0.01
86) Perylene-d12	15.07	264	166768	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	328844	79.72	ng		-0.02
7) Phenol-d6	6.25	99	449736	83.56	ng		-0.01
23) Nitrobenzene-d5	7.19	82	479407	83.11	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	82381	74.22	ng		-0.02
44) 2-Fluorobiphenyl	8.97	172	696047	71.23	ng		-0.02
78) Terphenyl-d14	12.70	244	812047	91.80	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	73325m	37.72	ng		
3) Pyridine	2.64	79	241787	44.07	ng		85
4) n-Nitrosodimethylamine	2.60	42	126456	41.40	ng	#	77
6) Aniline	6.27	93	328112	41.93	ng	#	65
8) 2-Chlorophenol	6.39	128	188057	41.65	ng		99
9) Benzaldehyde	6.15	77	149869	43.20	ng		96
10) Phenol	6.27	94	258441	40.66	ng		90
11) bis(2-Chloroethyl)ether	6.35	93	209886	43.03	ng		94
12) 1,3-Dichlorobenzene	6.55	146	213704	44.05	ng		98
13) 1,4-Dichlorobenzene	6.63	146	214909	44.74	ng		99
14) 1,2-Dichlorobenzene	6.78	146	176846	39.33	ng		98
15) Benzyl Alcohol	6.76	79	192356	44.17	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.90	45	395640	41.28	ng		100
17) 2-Methylphenol	6.88	107	159946	41.29	ng		96
18) Hexachloroethane	7.12	117	83000	42.76	ng		97
19) n-Nitroso-di-n-propylamine	7.04	70	162824	43.67	ng		91
20) 3+4-Methylphenols	7.04	107	191053	38.86	ng	#	54
22) Acetophenone	7.03	105	257940	37.29	ng	#	90
24) Nitrobenzene	7.20	77	221865	36.79	ng		97
25) Isophorone	7.45	82	454505	42.25	ng		96
26) 2-Nitrophenol	7.52	139	114787	45.77	ng	#	70
27) 2,4-Dimethylphenol	7.56	122	161638	36.43	ng		96
28) bis(2-Chloroethoxy)methane	7.67	93	274025	43.12	ng		99
29) 2,4-Dichlorophenol	7.76	162	151870	40.65	ng		90
30) 1,2,4-Trichlorobenzene	7.84	180	161168	38.82	ng		96
31) Naphthalene	7.92	128	610409	41.56	ng		98
32) Benzoic acid	7.70	122	102953	41.25	ng		93
33) 4-Chloroaniline	7.98	127	269909	43.55	ng	#	88
34) Hexachlorobutadiene	8.04	225	101938	43.42	ng		98
35) Caprolactam	8.36	113	57385	43.95	ng	#	78
36) 4-Chloro-3-methylphenol	8.47	107	199330	44.77	ng		91
37) 2-Methylnaphthalene	8.60	142	361287	38.94	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	168575	40.81	ng		99
40) Hexachlorocyclopentadiene	8.76	237	89989	42.09	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	119937	41.10	ng		98
43) 2,4,5-Trichlorophenol	8.92	196	108730	37.28	ng	#	89
45) 1,1'-Biphenyl	9.07	154	472765	41.92	ng		97
46) 2-Chloronaphthalene	9.10	162	364139	40.19	ng		99
47) 2-Nitroaniline	9.19	65	133641	36.04	ng		98
48) Acenaphthylene	9.51	152	611284	37.72	ng		100
49) Dimethylphthalate	9.38	163	378077	35.85	ng		99
50) 2,6-Dinitrotoluene	9.44	165	83548	36.90	ng	#	73
51) Acenaphthene	9.68	154	393695	40.57	ng		100
52) 3-Nitroaniline	9.61	138	112612	39.75	ng	#	64
53) 2,4-Dinitrophenol	9.71	184	52424	46.44	ng	#	45
54) Dibenzofuran	9.85	168	495323	38.09	ng		97
55) 4-Nitrophenol	9.77	139	76346	38.37	ng	#	82
56) 2,4-Dinitrotoluene	9.84	165	123850	41.27	ng	#	84
57) Fluorene	10.18	166	349255	34.92	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	90166	39.94	ng		99
59) Diethylphthalate	10.08	149	466719	41.82	ng		96
60) 4-Chlorophenyl-phenylether	10.18	204	166029	39.23	ng		99
61) 4-Nitroaniline	10.22	138	106276	36.70	ng		92
62) Azobenzene	10.34	77	540639	42.04	ng		96
64) 4,6-Dinitro-2-methylphenol	10.24	198	66902	45.58	ng		94
65) n-Nitrosodiphenylamine	10.31	169	389444	44.39	ng		99
66) 4-Bromophenyl-phenylether	10.67	248	105340	43.63	ng		99
67) Hexachlorobenzene	10.73	284	112226	45.89	ng		96
68) Atrazine	10.83	200	100489	41.11	ng		98
69) Pentachlorophenol	10.92	266	66122	45.07	ng		97
70) Phenanthrene	11.13	178	561259	38.53	ng		99
71) Anthracene	11.19	178	595523	42.01	ng		100
72) Carbazole	11.35	167	612013	44.85	ng		100
73) Di-n-butylphthalate	11.69	149	758911	45.96	ng		99
74) Fluoranthene	12.31	202	622931	39.63	ng		93
76) Benzidine	12.44	184	370957	51.78	ng		100
77) Pyrene	12.54	202	597890	38.78	ng		100
79) Butylbenzylphthalate	13.18	149	351305	53.01	ng	#	85
80) Benzo(a)anthracene	13.71	228	566674	44.56	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	173161	42.03	ng		99
82) Chrysene	13.76	228	509729	44.47	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	463656	54.63	ng	#	97
84) Di-n-octyl phthalate	14.34	149	788700	61.14	ng		98
85) Indeno(1,2,3-cd)pyrene	16.30	276	417815	51.92	ng	#	94
87) Benzo(b)fluoranthene	14.72	252	563669m	47.78	ng		
88) Benzo(k)fluoranthene	14.74	252	358132m	32.58	ng		
89) Benzo(a)pyrene	15.02	252	419242	40.79	ng	#	94
90) Dibenzo(a,h)anthracene	16.31	278	344169	42.97	ng	#	95
91) Benzo(g,h,i)perylene	16.66	276	328387	40.42	ng	#	95

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

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