Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF052115\
Data File : BF079420.D
Acq On : 21 May 2015 23:27
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
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Quant Time: May 22 03:34:48 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 22 03:34:28 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.073	152	52371	20.00	ng		0.00
21) Naphthalene-d8	8.650	136	220839	20.00	ng		# 0.00
38) Acenaphthene-d10	10.811	164	104827	20.00	ng		-0.01
63) Phenanthrene-d10	12.651	188	202642	20.00	ng		0.00
75) Chrysene-d12	15.931	240	207864	20.00	ng		-0.03
86) Perylene-d12	17.634	264	214996	20.00	ng		-0.16
System Monitoring Compounds							
5) 2-Fluorophenol	5.347	112	261361m	85.91	ng		0.00
7) Phenol-d6	6.639	99	334642	83.21	ng		-0.01
23) Nitrobenzene-d5	7.770	82	340782	88.69	ng		0.00
41) 2,4,6-Tribromophenol	11.794	330	103661	91.41	ng		-0.01
44) 2-Fluorobiphenyl	9.999	172	667504	88.72	ng		0.00
78) Terphenyl-d14	14.651	244	762856	87.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.907	88	65918m	49.83	ng		
3) Pyridine	2.581	79	141052m	36.44	ng		
4) n-Nitrosodimethylamine	2.513	42	69536m	41.92	ng		
6) Aniline	6.662	93	236692	41.70	ng	#	54
8) 2-Chlorophenol	6.799	128	150839	43.71	ng		90
9) Benzaldehyde	6.513	77	100131m	36.96	ng		
10) Phenol	6.662	94	199026	42.66	ng	#	59
11) bis(2-Chloroethyl)ether	6.765	93	143106	41.84	ng		93
12) 1,3-Dichlorobenzene	6.993	146	166602	42.95	ng		98
13) 1,4-Dichlorobenzene	7.096	146	167889	42.06	ng		96
14) 1,2-Dichlorobenzene	7.279	146	158343	42.61	ng		96
15) Benzyl Alcohol	7.256	79	120509	40.37	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.439	45	210005	40.14	ng		98
17) 2-Methylphenol	7.416	107	116651	42.01	ng		98
18) Hexachloroethane	7.690	117	59732	43.45	ng		99
19) n-Nitroso-di-n-propyla...	7.599	70	115140	42.39	ng	#	89
20) 3+4-Methylphenols	7.610	107	162378	43.88	ng	#	43
22) Acetophenone	7.587	105	208436	41.78	ng	#	82
24) Nitrobenzene	7.793	77	163294	42.87	ng	#	80
25) Isophorone	8.090	82	303556	42.61	ng		97
26) 2-Nitrophenol	8.182	139	75346	47.79	ng		89
27) 2,4-Dimethylphenol	8.250	122	130956	41.51	ng		92
28) bis(2-Chloroethoxy)met...	8.376	93	188088	42.83	ng		99
29) 2,4-Dichlorophenol	8.479	162	122357	43.62	ng		99
30) 1,2,4-Trichlorobenzene	8.582	180	133973	43.48	ng		98
31) Naphthalene	8.673	128	457927	43.52	ng		99
32) Benzoic acid	8.376	122	81134m	41.97	ng		
33) 4-Chloroaniline	8.753	127	197352	44.32	ng	#	93
34) Hexachlorobutadiene	8.833	225	72671	40.95	ng		98
35) Caprolactam	9.176	113	39296	43.32	ng		99
36) 4-Chloro-3-methylphenol	9.370	107	131071	44.49	ng		98
37) 2-Methylnaphthalene	9.531	142	314544	43.14	ng		97
39) 1,2,4,5-Tetrachloroben...	9.736	216	127215	43.09	ng		99
40) Hexachlorocyclopentadiene	9.725	237	30566	20.59	ng		98
42) 2,4,6-Trichlorophenol	9.885	196	87126	42.93	ng		95
43) 2,4,5-Trichlorophenol	9.942	196	86543	42.17	ng		98
45) 1,1'-Biphenyl	10.113	154	359591	43.15	ng		97

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Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
46) 2-Chloronaphthalene	10.136	162	284517	43.77 ng		92
47) 2-Nitroaniline	10.273	65	84843	45.05 ng	#	56
48) Acenaphthylene	10.639	152	471778	44.20 ng		99
49) Dimethylphthalate	10.502	163	326660	42.46 ng		99
50) 2,6-Dinitrotoluene	10.582	165	71109	46.83 ng	#	85
51) Acenaphthene	10.856	154	270105	42.44 ng		99
52) 3-Nitroaniline	10.776	138	85621	45.14 ng		96
53) 2,4-Dinitrophenol	10.925	184	17103	40.47 ng	#	62
54) Dibenzofuran	11.073	168	401909	43.72 ng		98
55) 4-Nitrophenol	11.005	139	53571	35.69 ng		92
56) 2,4-Dinitrotoluene	11.073	165	88414	44.05 ng	#	54
57) Fluorene	11.496	166	335563	44.47 ng		99
58) 2,3,4,6-Tetrachlorophenol	11.234	232	66299	39.54 ng		99
59) Diethylphthalate	11.382	149	333773	43.79 ng		99
60) 4-Chlorophenyl-phenyle...	11.508	204	146564	43.78 ng		93
61) 4-Nitroaniline	11.531	138	86797	45.74 ng		99
62) Azobenzene	11.702	77	318435	42.40 ng		96
64) 4,6-Dinitro-2-methylph...	11.576	198	36191	44.25 ng	#	43
65) n-Nitrosodiphenylamine	11.656	169	291523	43.20 ng		99
66) 4-Bromophenyl-phenylether	12.114	248	89004	42.14 ng	#	85
67) Hexachlorobenzene	12.171	284	104280	43.19 ng	#	73
68) Atrazine	12.331	200	82077	41.82 ng		98
69) Pentachlorophenol	12.422	266	40670	33.17 ng		97
70) Phenanthrene	12.685	178	474893	41.89 ng		100
71) Anthracene	12.742	178	471044	42.35 ng		100
72) Carbazole	12.959	167	458619	43.26 ng		98
73) Di-n-butylphthalate	13.405	149	551513	43.38 ng	#	98
74) Fluoranthene	14.160	202	506928	42.91 ng		92
76) Benzidine	14.342	184	271333	48.43 ng		98
77) Pyrene	14.434	202	527302	44.02 ng		99
79) Butylbenzylphthalate	15.268	149	242924	46.40 ng		99
80) Benzo(a)anthracene	15.920	228	488636	42.93 ng		100
81) 3,3'-Dichlorobenzidine	15.897	252	182709	45.06 ng	#	96
82) Chrysene	15.965	228	474894	43.38 ng		100
83) Bis(2-ethylhexyl)phtha...	15.988	149	368227	46.43 ng		99
84) Di-n-octyl phthalate	16.765	149	623181	44.62 ng		97
85) Indeno(1,2,3-cd)pyrene	18.971	276	618141m	44.31 ng		
87) Benzo(b)fluoranthene	17.200	252	490919	41.72 ng		98
88) Benzo(k)fluoranthene	17.234	252	508997m	44.68 ng		
89) Benzo(a)pyrene	17.577	252	485142	44.77 ng	#	97
90) Dibenzo(a,h)anthracene	18.994	278	516844	44.88 ng		98
91) Benzo(g,h,i)perylene	19.371	276	516906	44.78 ng		99

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

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