Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF052815\
Data File : BF079541.D
Acq On : 28 May 2015 13:33
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
5/29/2015 5:49:02 PM

Quant Time: May 29 17:46:39 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 18:41:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	65627	20.00	ng		0.00
21) Naphthalene-d8	8.54	136	275865	20.00	ng		0.00
38) Acenaphthene-d10	10.71	164	143490	20.00	ng		0.00
63) Phenanthrene-d10	12.54	188	269093	20.00	ng		0.00
75) Chrysene-d12	15.84	240	258745	20.00	ng		0.00
86) Perylene-d12	17.67	264	269194	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	318966	84.30	ng		0.00
7) Phenol-d6	6.56	99	413780	85.80	ng		0.00
23) Nitrobenzene-d5	7.67	82	408035	85.50	ng		0.00
41) 2,4,6-Tribromophenol	11.69	330	131776	83.61	ng		0.00
44) 2-Fluorobiphenyl	9.88	172	782376	77.79	ng		0.00
78) Terphenyl-d14	14.54	244	961503	87.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.77	88	77262	42.92	ng	#	100
3) Pyridine	2.40	79	199210	50.26	ng	#	92
4) n-Nitrosodimethylamine	2.34	42	70881	36.32	ng		98
6) Aniline	6.55	93	281223	41.09	ng		98
8) 2-Chlorophenol	6.70	128	185180	42.04	ng		100
9) Benzaldehyde	6.41	77	112176	42.19	ng		97
10) Phenol	6.57	94	241368	42.50	ng		98
11) bis(2-Chloroethyl)ether	6.66	93	181011	44.07	ng		95
12) 1,3-Dichlorobenzene	6.88	146	202102	41.42	ng		99
13) 1,4-Dichlorobenzene	6.98	146	202328	40.64	ng		99
14) 1,2-Dichlorobenzene	7.16	146	190972	41.31	ng		99
15) Benzyl Alcohol	7.16	79	153919	43.43	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.34	45	254178	42.28	ng		99
17) 2-Methylphenol	7.32	107	143325	41.42	ng		99
18) Hexachloroethane	7.58	117	72102	42.08	ng		100
19) n-Nitroso-di-n-propylamine	7.50	70	144559	42.60	ng	#	89
20) 3+4-Methylphenols	7.52	107	197238	41.48	ng		98
22) Acetophenone	7.48	105	256569	41.51	ng	#	94
24) Nitrobenzene	7.69	77	189262	40.24	ng	#	81
25) Isophorone	7.99	82	367433	42.24	ng		96
26) 2-Nitrophenol	8.08	139	97995	44.01	ng		92
27) 2,4-Dimethylphenol	8.16	122	170696	42.64	ng		97
28) bis(2-Chloroethoxy)methane	8.27	93	226983	42.10	ng		98
29) 2,4-Dichlorophenol	8.39	162	155888	42.51	ng		97
30) 1,2,4-Trichlorobenzene	8.48	180	158977	41.80	ng		94
31) Naphthalene	8.57	128	532773	40.24	ng		99
32) Benzoic acid	8.31	122	122005	49.11	ng		98
33) 4-Chloroaniline	8.65	127	241199	43.61	ng		98
34) Hexachlorobutadiene	8.72	225	88814	41.05	ng		98
35) Caprolactam	9.10	113	50714	43.86	ng		91
36) 4-Chloro-3-methylphenol	9.28	107	169074	44.46	ng	#	81
37) 2-Methylnaphthalene	9.43	142	389652	42.39	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.63	216	159230	39.67	ng	#	100
40) Hexachlorocyclopentadiene	9.61	237	31545	37.83	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.79	196	112174	40.03	ng		97
43) 2,4,5-Trichlorophenol	9.84	196	115408	41.37	ng		95
45) 1,1'-Biphenyl	10.01	154	456489	40.73	ng		98
46) 2-Chloronaphthalene	10.02	162	340497	38.47	ng		98
47) 2-Nitroaniline	10.17	65	106782	40.57	ng	#	58
48) Acenaphthylene	10.54	152	575674	39.18	ng		99
49) Dimethylphthalate	10.41	163	436199	41.26	ng		99
50) 2,6-Dinitrotoluene	10.48	165	89357	42.30	ng	#	73
51) Acenaphthene	10.74	154	329360	39.20	ng		99
52) 3-Nitroaniline	10.68	138	110679	40.28	ng	#	73
53) 2,4-Dinitrophenol	10.82	184	34644	50.03	ng	#	79
54) Dibenzofuran	10.96	168	500892	40.42	ng		100
55) 4-Nitrophenol	10.92	139	72054m	47.29	ng		
56) 2,4-Dinitrotoluene	10.98	165	119823	42.30	ng	#	71
57) Fluorene	11.38	166	413852	40.52	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.13	232	88568	43.63	ng	#	100
59) Diethylphthalate	11.28	149	438309	42.35	ng		97
60) 4-Chlorophenyl-phenylether	11.39	204	178826	40.52	ng		94
61) 4-Nitroaniline	11.44	138	111825	43.69	ng		81
62) Azobenzene	11.59	77	398729	39.61	ng		97
64) 4,6-Dinitro-2-methylphenol	11.49	198	54727	41.36	ng		79
65) n-Nitrosodiphenylamine	11.55	169	380849	42.61	ng		99
66) 4-Bromophenyl-phenylether	12.00	248	115154	41.56	ng		95
67) Hexachlorobenzene	12.06	284	130421	41.28	ng		96
68) Atrazine	12.23	200	102835	42.59	ng		97
69) Pentachlorophenol	12.32	266	54970	45.42	ng		97
70) Phenanthrene	12.57	178	603923	40.91	ng		99
71) Anthracene	12.63	178	621942	41.50	ng		99
72) Carbazole	12.85	167	567244	39.31	ng		99
73) Di-n-butylphthalate	13.30	149	742118	46.04	ng		100
74) Fluoranthene	14.03	202	656337	41.46	ng		94
76) Benzidine	14.23	184	258070	46.57	ng		98
77) Pyrene	14.32	202	678131	42.30	ng		99
79) Butylbenzylphthalate	15.17	149	331009	45.91	ng		92
80) Benzo(a)anthracene	15.83	228	600653	40.35	ng		100
81) 3,3'-Dichlorobenzidine	15.82	252	243533	44.68	ng		98
82) Chrysene	15.87	228	586900	41.48	ng		99
83) Bis(2-ethylhexyl)phthalate	15.91	149	503602	48.76	ng		100
84) Di-n-octyl phthalate	16.75	149	879837	48.95	ng		100
85) Indeno(1,2,3-cd)pyrene	19.02	276	769539	42.29	ng		99
87) Benzo(b)fluoranthene	17.20	252	718982	46.83	ng		99
88) Benzo(k)fluoranthene	17.23	252	518550m	37.77	ng		
89) Benzo(a)pyrene	17.61	252	593926	44.08	ng		99
90) Dibenzo(a,h)anthracene	19.04	278	631701	44.84	ng	#	95
91) Benzo(g,h,i)perylene	19.41	276	621883	44.21	ng	#	94

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

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