Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
Data File : BF079379.D
Acq On : 20 May 2015 15:08
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
5/21/2015 4:27:25 PM

Quant Time: May 21 01:07:41 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 21 00:52:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.08	152	51083	20.00	ng		0.00
21) Naphthalene-d8	8.66	136	208862	20.00	ng		0.00
38) Acenaphthene-d10	10.83	164	101446	20.00	ng		0.00
63) Phenanthrene-d10	12.67	188	195600	20.00	ng		0.00
75) Chrysene-d12	15.98	240	205678	20.00	ng		0.00
86) Perylene-d12	17.82	264	207856	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	257677m	86.83	ng		0.00
7) Phenol-d6	6.66	99	337837	86.13	ng		0.00
23) Nitrobenzene-d5	7.78	82	311139	85.62	ng		0.00
41) 2,4,6-Tribromophenol	11.82	330	96635	88.05	ng		0.00
44) 2-Fluorobiphenyl	10.01	172	593804	81.55	ng		0.00
78) Terphenyl-d14	14.67	244	715416	83.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	61904m	47.98	ng		
3) Pyridine	2.62	79	176810m	46.82	ng		
4) n-Nitrosodimethylamine	2.54	42	74283m	45.91	ng		
6) Aniline	6.67	93	230447	41.62	ng	#	66
8) 2-Chlorophenol	6.82	128	144742	43.00	ng		86
9) Benzaldehyde	6.54	77	100712m	38.11	ng		
10) Phenol	6.68	94	192757	42.36	ng		73
11) bis(2-Chloroethyl)ether	6.78	93	133861	40.13	ng		86
12) 1,3-Dichlorobenzene	7.00	146	159470	42.15	ng	#	89
13) 1,4-Dichlorobenzene	7.11	146	165890	42.61	ng		100
14) 1,2-Dichlorobenzene	7.29	146	155039	42.78	ng		99
15) Benzyl Alcohol	7.28	79	120206	41.28	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.46	45	199295	39.05	ng		93
17) 2-Methylphenol	7.43	107	115852	42.77	ng		96
18) Hexachloroethane	7.70	117	55371	41.29	ng	#	82
19) n-Nitroso-di-n-propylamine	7.61	70	109641	41.38	ng		98
20) 3+4-Methylphenols	7.62	107	153638	42.57	ng	#	46
22) Acetophenone	7.60	105	199255	42.23	ng	#	90
24) Nitrobenzene	7.80	77	152831	42.43	ng		92
25) Isophorone	8.11	82	284041	42.16	ng		99
26) 2-Nitrophenol	8.20	139	66231	44.42	ng		96
27) 2,4-Dimethylphenol	8.27	122	132083	44.27	ng		96
28) bis(2-Chloroethoxy)methane	8.39	93	168983	40.69	ng		99
29) 2,4-Dichlorophenol	8.50	162	118978	44.85	ng		94
30) 1,2,4-Trichlorobenzene	8.60	180	123748	42.46	ng		98
31) Naphthalene	8.70	128	438171	44.03	ng		98
32) Benzoic acid	8.39	122	81173m	44.04	ng		
33) 4-Chloroaniline	8.78	127	188798	44.83	ng	#	89
34) Hexachlorobutadiene	8.84	225	67787	40.39	ng		99
35) Caprolactam	9.20	113	37879	44.15	ng		94
36) 4-Chloro-3-methylphenol	9.38	107	122561	43.98	ng	#	85
37) 2-Methylnaphthalene	9.55	142	302484	43.86	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.76	216	120195	42.07	ng		99
40) Hexachlorocyclopentadiene	9.75	237	49432	34.41	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.91	196	83845	42.69	ng		98
43) 2,4,5-Trichlorophenol	9.95	196	85539	43.07	ng	#	90
45) 1,1'-Biphenyl	10.14	154	344245	42.69	ng		99
46) 2-Chloronaphthalene	10.15	162	258921	41.16	ng		98
47) 2-Nitroaniline	10.29	65	78300	42.96	ng		91
48) Acenaphthylene	10.66	152	451011	43.67	ng		98
49) Dimethylphthalate	10.53	163	313158	42.06	ng		99
50) 2,6-Dinitrotoluene	10.59	165	61860	42.10	ng	#	36
51) Acenaphthene	10.88	154	251418	40.82	ng		99
52) 3-Nitroaniline	10.80	138	84650	46.12	ng		90
53) 2,4-Dinitrophenol	10.94	184	12116	32.89	ng		86
54) Dibenzofuran	11.10	168	373680	42.00	ng		94
55) 4-Nitrophenol	11.03	139	50807	34.97	ng	#	77
56) 2,4-Dinitrotoluene	11.10	165	86130	44.34	ng	#	87
57) Fluorene	11.52	166	311600	42.67	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.25	232	63447	39.10	ng		97
59) Diethylphthalate	11.41	149	310288	42.07	ng		97
60) 4-Chlorophenyl-phenylether	11.53	204	133463	41.20	ng		90
61) 4-Nitroaniline	11.55	138	86337	47.02	ng		90
62) Azobenzene	11.73	77	297142	40.88	ng		91
64) 4,6-Dinitro-2-methylphenol	11.60	198	28661	38.32	ng		74
65) n-Nitrosodiphenylamine	11.68	169	268032	41.15	ng		99
66) 4-Bromophenyl-phenylether	12.13	248	81319	39.89	ng		91
67) Hexachlorobenzene	12.19	284	94219	40.43	ng	#	67
68) Atrazine	12.35	200	80285	42.38	ng		97
69) Pentachlorophenol	12.45	266	41136	34.43	ng		96
70) Phenanthrene	12.71	178	441449	40.34	ng		98
71) Anthracene	12.77	178	449948	41.91	ng		99
72) Carbazole	12.97	167	432833	42.30	ng		99
73) Di-n-butylphthalate	13.43	149	504306	41.10	ng	#	98
74) Fluoranthene	14.17	202	475915	41.74	ng		99
76) Benzidine	14.37	184	205995	37.16	ng		98
77) Pyrene	14.46	202	504755	42.59	ng		99
79) Butylbenzylphthalate	15.29	149	226363	43.69	ng	#	88
80) Benzo(a)anthracene	15.97	228	471403	41.85	ng		100
81) 3,3'-Dichlorobenzidine	15.95	252	177002	44.12	ng		99
82) Chrysene	16.01	228	452437	41.77	ng		100
83) Bis(2-ethylhexyl)phthalate	16.05	149	336026	42.82	ng		99
84) Di-n-octyl phthalate	16.88	149	568400	41.13	ng		98
85) Indeno(1,2,3-cd)pyrene	19.21	276	602421	43.65	ng		100
87) Benzo(b)fluoranthene	17.34	252	515570	45.32	ng		99
88) Benzo(k)fluoranthene	17.37	252	446403	40.53	ng	#	95
89) Benzo(a)pyrene	17.75	252	466276	44.51	ng		98
90) Dibenzo(a,h)anthracene	19.23	278	487199	43.76	ng	#	96
91) Benzo(g,h,i)perylene	19.61	276	497023	44.54	ng		97

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

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