Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079475.D
Acq On : 23 May 2015 14:08
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
5/27/2015 8:18:59 AM

Quant Time: May 25 08:05:52 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 25 06:56:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	67992	20.00	ng		0.00
21) Naphthalene-d8	8.63	136	273434	20.00	ng		0.00
38) Acenaphthene-d10	10.80	164	132521	20.00	ng		0.00
63) Phenanthrene-d10	12.64	188	242232	20.00	ng		0.01
75) Chrysene-d12	15.92	240	250851	20.00	ng		0.01
86) Perylene-d12	17.68	264	245273	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	333140m	84.34	ng		0.02
7) Phenol-d6	6.65	99	434306m	83.18	ng		0.02
23) Nitrobenzene-d5	7.75	82	325590	68.43	ng		0.00
41) 2,4,6-Tribromophenol	11.78	330	90052	62.81	ng		0.00
44) 2-Fluorobiphenyl	9.98	172	770106	80.96	ng		0.00
78) Terphenyl-d14	14.63	244	862273	82.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	75764m	44.12	ng		
3) Pyridine	2.56	79	219050m	43.58	ng		
4) n-Nitrosodimethylamine	2.49	42	83321m	38.69	ng		
6) Aniline	6.64	93	336478m	45.66	ng		
8) 2-Chlorophenol	6.79	128	186942	41.73	ng		97
9) Benzaldehyde	6.50	77	124211	35.31	ng		93
10) Phenol	6.66	94	248892m	41.09	ng		
11) bis(2-Chloroethyl)ether	6.74	93	172721	38.90	ng		85
12) 1,3-Dichlorobenzene	6.97	146	211775	42.06	ng	#	92
13) 1,4-Dichlorobenzene	7.07	146	219151	42.29	ng		98
14) 1,2-Dichlorobenzene	7.26	146	201590	41.79	ng		99
15) Benzyl Alcohol	7.24	79	150370m	38.80	ng		
16) 2,2'-oxybis(1-Chloropropan	7.43	45	246019	36.22	ng		87
17) 2-Methylphenol	7.42	107	149009m	41.33	ng		
18) Hexachloroethane	7.67	117	47130	26.40	ng	#	89
19) n-Nitroso-di-n-propylamine	7.58	70	140851	39.94	ng		98
20) 3+4-Methylphenols	7.61	107	198478	41.32	ng	#	43
22) Acetophenone	7.56	105	258687	41.88	ng	#	90
24) Nitrobenzene	7.77	77	159303	33.78	ng		96
25) Isophorone	8.08	82	367541	41.67	ng		100
26) 2-Nitrophenol	8.17	139	20605	10.56	ng		98
27) 2,4-Dimethylphenol	8.25	122	172052	44.05	ng		98
28) bis(2-Chloroethoxy)methane	8.36	93	219467	40.36	ng		99
29) 2,4-Dichlorophenol	8.48	162	155985	44.91	ng		93
30) 1,2,4-Trichlorobenzene	8.57	180	161001	42.20	ng		96
31) Naphthalene	8.65	128	547230	42.00	ng		99
32) Benzoic acid	8.42	122	60707m	27.86	ng		
33) 4-Chloroaniline	8.74	127	240324	43.59	ng	#	93
34) Hexachlorobutadiene	8.81	225	92942	42.30	ng		97
35) Caprolactam	9.19	113	50013	44.53	ng		89
36) 4-Chloro-3-methylphenol	9.37	107	166663	45.68	ng		96
37) 2-Methylnaphthalene	9.52	142	375364	41.58	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.72	216	155618	41.70	ng		98
42) 2,4,6-Trichlorophenol	9.88	196	103376	40.29	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.93	196	107464	41.43	ng	#	88
45) 1,1'-Biphenyl	10.10	154	431616	40.97	ng		99
46) 2-Chloronaphthalene	10.11	162	339207	41.28	ng		97
47) 2-Nitroaniline	10.26	65	60241	25.30	ng	#	56
48) Acenaphthylene	10.63	152	564422	41.83	ng		99
49) Dimethylphthalate	10.49	163	411035	42.26	ng		99
50) 2,6-Dinitrotoluene	10.57	165	31070	16.19	ng		95
51) Acenaphthene	10.83	154	318789	39.62	ng		99
52) 3-Nitroaniline	10.77	138	70315	29.33	ng		93
54) Dibenzofuran	11.05	168	468942	40.35	ng		96
55) 4-Nitrophenol	11.04	139	18632m	9.82	ng		
56) 2,4-Dinitrotoluene	11.06	165	32829	12.94	ng	#	61
57) Fluorene	11.47	166	385699	40.43	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.22	232	82974	39.14	ng		98
59) Diethylphthalate	11.36	149	385607	40.02	ng		99
60) 4-Chlorophenyl-phenylether	11.49	204	167091	39.48	ng		91
61) 4-Nitroaniline	11.52	138	61224	25.52	ng		95
62) Azobenzene	11.68	77	366745	38.63	ng		97
65) n-Nitrosodiphenylamine	11.65	169	340583	42.22	ng		99
66) 4-Bromophenyl-phenylether	12.09	248	108818	43.10	ng		96
67) Hexachlorobenzene	12.15	284	121387	42.06	ng		91
68) Atrazine	12.32	200	95524	40.72	ng		98
69) Pentachlorophenol	12.41	266	37309	27.05	ng		99
70) Phenanthrene	12.66	178	550227	40.60	ng		99
71) Anthracene	12.73	178	585870	44.07	ng		99
72) Carbazole	12.95	167	550759	43.47	ng		98
73) Di-n-butylphthalate	13.39	149	657308	43.25	ng		98
74) Fluoranthene	14.14	202	610872	43.26	ng		98
76) Benzidine	14.33	184	231402	34.23	ng		96
77) Pyrene	14.41	202	629575	43.55	ng		100
79) Butylbenzylphthalate	15.25	149	296201	46.88	ng		88
80) Benzo(a)anthracene	15.91	228	578299	42.10	ng		99
81) 3,3'-Dichlorobenzidine	15.90	252	212132	43.35	ng		100
82) Chrysene	15.95	228	550124	41.64	ng		100
83) Bis(2-ethylhexyl)phthalate	15.98	149	422685	44.16	ng		99
84) Di-n-octyl phthalate	16.78	149	727084	43.14	ng		97
85) Indeno(1,2,3-cd)pyrene	19.03	276	672492	39.95	ng		100
87) Benzo(b)fluoranthene	17.22	252	604058m	44.99	ng		
88) Benzo(k)fluoranthene	17.26	252	529561	40.75	ng	#	96
89) Benzo(a)pyrene	17.61	252	527698	42.69	ng	#	97
90) Dibenzo(a,h)anthracene	19.05	278	554969	42.24	ng		98
91) Benzo(g,h,i)perylene	19.43	276	537238	40.80	ng		97

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

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