Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079958.D
Acq On : 13 Jun 2015 4:52
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
6/15/2015 1:00:06 PM

Quant Time: Jun 13 06:05:05 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 22:57:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	38286	20.00	ng		0.00
21) Naphthalene-d8	8.67	136	154483	20.00	ng		0.00
38) Acenaphthene-d10	10.44	164	86373	20.00	ng		0.00
63) Phenanthrene-d10	11.94	188	172158	20.00	ng		-0.03
75) Chrysene-d12	14.85	240	206559m	20.00	ng		-0.30
86) Perylene-d12	16.71	264	196056m	20.00	ng		-0.39
System Monitoring Compounds							
5) 2-Fluorophenol	5.99	112	185507	88.85	ng		0.00
7) Phenol-d6	6.97	99	240642	84.59	ng		0.00
23) Nitrobenzene-d5	7.93	82	223141	95.30	ng		0.00
41) 2,4,6-Tribromophenol	11.23	330	64247	75.14	ng		-0.01
44) 2-Fluorobiphenyl	9.75	172	475984	77.17	ng		0.00
78) Terphenyl-d14	13.61	244	697713	77.88	ng		-0.16
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	41499	43.69	ng		97
3) Pyridine	4.09	79	119422	49.06	ng		97
4) n-Nitrosodimethylamine	4.00	42	52624	43.87	ng	#	78
6) Aniline	7.03	93	170648	41.45	ng		93
8) 2-Chlorophenol	7.15	128	101497	40.00	ng		87
9) Benzaldehyde	6.92	77	64204	39.27	ng		83
10) Phenol	6.98	94	120204	38.42	ng		86
11) bis(2-Chloroethyl)ether	7.10	93	94125	37.39	ng		89
12) 1,3-Dichlorobenzene	7.32	146	123659m	41.77	ng		
13) 1,4-Dichlorobenzene	7.39	146	135537	44.08	ng		96
14) 1,2-Dichlorobenzene	7.55	146	126016m	46.14	ng		
15) Benzyl Alcohol	7.50	79	94209	41.31	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.64	45	164994	44.25	ng		95
17) 2-Methylphenol	7.60	107	86283	38.92	ng		94
18) Hexachloroethane	7.90	117	38686	40.63	ng	#	83
19) n-Nitroso-di-n-propylamine	7.77	70	80574	39.64	ng	#	88
20) 3+4-Methylphenols	7.76	107	118803	41.93	ng		96
22) Acetophenone	7.77	105	148646	40.74	ng	#	90
24) Nitrobenzene	7.95	77	113931	45.74	ng	#	81
25) Isophorone	8.18	82	203193	37.29	ng	#	93
26) 2-Nitrophenol	8.27	139	42978	49.03	ng	#	86
27) 2,4-Dimethylphenol	8.30	122	95234	39.00	ng		95
28) bis(2-Chloroethoxy)methane	8.39	93	129715	40.09	ng		99
29) 2,4-Dichlorophenol	8.51	162	96795	47.33	ng		88
30) 1,2,4-Trichlorobenzene	8.60	180	111965	43.07	ng		98
31) Naphthalene	8.70	128	333973	39.55	ng		98
32) Benzoic acid	8.35	122	30231m	34.60	ng		
33) 4-Chloroaniline	8.73	127	170626	52.06	ng	#	91
34) Hexachlorobutadiene	8.81	225	69618	48.24	ng		97
35) Caprolactam	9.06	113	28744	44.44	ng		86
36) 4-Chloro-3-methylphenol	9.19	107	89120	38.14	ng		90
37) 2-Methylnaphthalene	9.38	142	228710	40.09	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	115182	39.82	ng		99
40) Hexachlorocyclopentadiene	9.54	237	38456	39.40	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.66	196	71577	40.16	ng		97
43) 2,4,5-Trichlorophenol	9.69	196	72212	36.70	ng	#	87
45) 1,1'-Biphenyl	9.85	154	289988	41.49	ng		94
46) 2-Chloronaphthalene	9.88	162	218603	36.73	ng	#	92
47) 2-Nitroaniline	9.96	65	48213	38.63	ng	#	53
48) Acenaphthylene	10.30	152	377403	37.57	ng		98
49) Dimethylphthalate	10.14	163	269779	38.99	ng	#	98
50) 2,6-Dinitrotoluene	10.19	165	46130	37.21	ng	#	73
51) Acenaphthene	10.48	154	223522	39.15	ng		99
52) 3-Nitroaniline	10.38	138	57363	37.96	ng	#	70
53) 2,4-Dinitrophenol	10.48	184	7837	46.03	ng	#	17
54) Dibenzofuran	10.65	168	327375	39.24	ng		90
55) 4-Nitrophenol	10.51	139	47058	43.80	ng	#	68
56) 2,4-Dinitrotoluene	10.60	165	65619	40.04	ng	#	74
57) Fluorene	10.99	166	289227	39.77	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.77	232	60588	40.63	ng		94
59) Diethylphthalate	10.85	149	247494	35.77	ng	#	93
60) 4-Chlorophenyl-phenylether	10.98	204	125890	38.77	ng	#	79
61) 4-Nitroaniline	10.98	138	58768	37.20	ng		95
62) Azobenzene	11.14	77	248115	37.27	ng	#	81
64) 4,6-Dinitro-2-methylphenol	11.02	198	15269	41.20	ng	#	51
65) n-Nitrosodiphenylamine	11.10	169	221520	39.86	ng		98
66) 4-Bromophenyl-phenylether	11.47	248	81374	42.18	ng	#	90
67) Hexachlorobenzene	11.55	284	88123	41.87	ng	#	91
68) Atrazine	11.61	200	80523	47.08	ng		97
69) Pentachlorophenol	11.75	266	31917	36.99	ng		97
70) Phenanthrene	11.98	178	427338	41.65	ng		99
71) Anthracene	12.02	178	422806	42.58	ng		100
72) Carbazole	12.17	167	410004	42.58	ng		98
73) Di-n-butylphthalate	12.49	149	420439	40.08	ng	#	98
74) Fluoranthene	13.21	202	474192	41.81	ng		97
76) Benzidine	13.33	184	234126	40.93	ng		99
77) Pyrene	13.46	202	495378	38.18	ng		99
79) Butylbenzylphthalate	14.14	149	175876m	40.15	ng		
80) Benzo(a)anthracene	14.83	228	501307m	38.22	ng		
81) 3,3'-Dichlorobenzidine	14.78	252	162862m	38.84	ng		
82) Chrysene	14.88	228	466922m	40.13	ng		
83) Bis(2-ethylhexyl)phthalate	14.80	149	287178m	40.96	ng		
84) Di-n-octyl phthalate	15.58	149	455187m	39.81	ng		
85) Indeno(1,2,3-cd)pyrene	18.59	276	573620m	41.76	ng		
87) Benzo(b)fluoranthene	16.16	252	461746m	38.44	ng		
88) Benzo(k)fluoranthene	16.19	252	523053m	42.69	ng		
89) Benzo(a)pyrene	16.63	252	457265m	40.02	ng		
90) Dibenzo(a,h)anthracene	18.62	278	461906m	41.13	ng		
91) Benzo(g,h,i)perylene	19.17	276	473627m	40.76	ng		

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

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