Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
Data File : BF081861.D
Acq On : 29 Sep 2015 2:29
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
9/29/2015 12:11:09 PM

Quant Time: Sep 29 04:51:13 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	100392	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	394017	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	195882	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	360268	20.00	ng		0.00
75) Chrysene-d12	14.12	240	340793	20.00	ng		0.00
86) Perylene-d12	15.58	264	291890	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	400315	72.39	ng		0.00
7) Phenol-d6	6.56	99	527679	75.83	ng		0.00
23) Nitrobenzene-d5	7.50	82	451068	76.31	ng		0.00
41) 2,4,6-Tribromophenol	10.77	330	148291	74.75	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	926013	77.82	ng		0.00
78) Terphenyl-d14	13.05	244	874329	82.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	94226	39.18	ng		84
3) Pyridine	3.29	79	242449	38.72	ng		86
4) n-Nitrosodimethylamine	3.25	42	100101	35.20	ng		94
6) Aniline	6.59	93	355623	38.04	ng	#	85
8) 2-Chlorophenol	6.71	128	237349	38.87	ng		87
9) Benzaldehyde	6.48	77	178319	39.13	ng	#	80
10) Phenol	6.57	94	290942	37.27	ng		78
11) bis(2-Chloroethyl)ether	6.66	93	229598	37.93	ng		95
12) 1,3-Dichlorobenzene	6.87	146	277737	38.50	ng	#	93
13) 1,4-Dichlorobenzene	6.95	146	293546	38.97	ng	#	93
14) 1,2-Dichlorobenzene	7.10	146	257180m	38.32	ng		
15) Benzyl Alcohol	7.07	79	190543	37.93	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.21	45	334028	39.03	ng		77
17) 2-Methylphenol	7.19	107	185062	37.38	ng	#	87
18) Hexachloroethane	7.44	117	89229	37.84	ng		90
19) n-Nitroso-di-n-propylamine	7.35	70	161311	38.14	ng	#	76
20) 3+4-Methylphenols	7.34	107	240072	38.39	ng	#	69
22) Acetophenone	7.35	105	323686	40.18	ng	#	84
24) Nitrobenzene	7.52	77	270182	42.10	ng	#	72
25) Isophorone	7.76	82	447408	38.19	ng	#	97
26) 2-Nitrophenol	7.84	139	119687	38.85	ng	#	76
27) 2,4-Dimethylphenol	7.87	122	201332	37.15	ng	#	84
28) bis(2-Chloroethoxy)methane	7.97	93	271933	39.09	ng	#	92
29) 2,4-Dichlorophenol	8.08	162	208629	39.70	ng		98
30) 1,2,4-Trichlorobenzene	8.16	180	233114	39.73	ng		98
31) Naphthalene	8.24	128	672834m	38.54	ng		
32) Benzoic acid	7.99	122	97341	32.77	ng	#	75
33) 4-Chloroaniline	8.30	127	300610	39.82	ng	#	93
34) Hexachlorobutadiene	8.35	225	138964	40.05	ng		97
35) Caprolactam	8.66	113	57090	39.24	ng	#	84
36) 4-Chloro-3-methylphenol	8.77	107	208664	40.60	ng	#	77
37) 2-Methylnaphthalene	8.94	142	480742	40.34	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	237694	39.53	ng		97
40) Hexachlorocyclopentadiene	9.09	237	123639	39.92	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	151675	36.79	ng		99
43) 2,4,5-Trichlorophenol	9.26	196	171248	40.39	ng	#	96
45) 1,1'-Biphenyl	9.41	154	568848	37.64	ng		94
46) 2-Chloronaphthalene	9.43	162	453888	38.25	ng		98
47) 2-Nitroaniline	9.52	65	135942	39.03	ng	#	64
48) Acenaphthylene	9.84	152	728372	38.35	ng		96
49) Dimethylphthalate	9.70	163	524902	38.82	ng	#	97
50) 2,6-Dinitrotoluene	9.76	165	110760	37.73	ng	#	48
51) Acenaphthene	10.01	154	423860	37.58	ng		88
52) 3-Nitroaniline	9.94	138	136836	40.29	ng	#	89
53) 2,4-Dinitrophenol	10.05	184	34756	37.99	ng	#	63
54) Dibenzofuran	10.18	168	602506	37.80	ng	#	87
55) 4-Nitrophenol	10.09	139	93877	38.26	ng	#	62
56) 2,4-Dinitrotoluene	10.17	165	152981	40.88	ng	#	95
57) Fluorene	10.53	166	482629	42.21	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.30	232	134134	39.89	ng		94
59) Diethylphthalate	10.40	149	503623	39.88	ng		98
60) 4-Chlorophenyl-phenylether	10.53	204	213760	36.63	ng		95
61) 4-Nitroaniline	10.55	138	131005	38.47	ng	#	41
62) Azobenzene	10.67	77	477312	38.72	ng		87
64) 4,6-Dinitro-2-methylphenol	10.57	198	64511	40.92	ng		90
65) n-Nitrosodiphenylamine	10.64	169	434161	39.83	ng		92
66) 4-Bromophenyl-phenylether	11.02	248	143674	39.55	ng	#	87
67) Hexachlorobenzene	11.07	284	160011	39.03	ng	#	80
68) Atrazine	11.17	200	139814	41.34	ng		85
69) Pentachlorophenol	11.27	266	93609	40.07	ng		99
70) Phenanthrene	11.49	178	705658	40.54	ng		96
71) Anthracene	11.54	178	752999	41.12	ng		97
72) Carbazole	11.70	167	667395	40.27	ng		96
73) Di-n-butylphthalate	12.02	149	731340	43.27	ng	#	98
74) Fluoranthene	12.67	202	758310	39.29	ng		93
76) Benzidine	12.81	184	407959	39.73	ng		97
77) Pyrene	12.91	202	773112	37.97	ng		96
79) Butylbenzylphthalate	13.53	149	298756	39.00	ng	#	88
80) Benzo(a)anthracene	14.10	228	716078	39.02	ng		97
81) 3,3'-Dichlorobenzidine	14.07	252	255246	41.18	ng	#	94
82) Chrysene	14.14	228	696023	42.06	ng		94
83) Bis(2-ethylhexyl)phthalate	14.08	149	384824	40.04	ng	#	91
84) Di-n-octyl phthalate	14.70	149	626425	40.06	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.04	276	576840	40.18	ng	#	86
87) Benzo(b)fluoranthene	15.16	252	679898	40.80	ng	#	84
88) Benzo(k)fluoranthene	15.18	252	524802m	34.36	ng		
89) Benzo(a)pyrene	15.52	252	548309	37.93	ng	#	84
90) Dibenzo(a,h)anthracene	17.06	278	470690	38.81	ng	#	82
91) Benzo(g,h,i)perylene	17.49	276	475769	38.28	ng	#	76

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

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