Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF082415\
Data File : BF081181.D
Acq On : 24 Aug 2015 21:34
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
MMDadoda
8/25/2015 12:39:10 PM

Quant Time: Aug 24 23:45:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 13:58:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	69466	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	280638	20.00	ng		0.00
38) Acenaphthene-d10	9.57	164	116970	20.00	ng		-0.01
63) Phenanthrene-d10	11.04	188	243612	20.00	ng		0.00
75) Chrysene-d12	13.66	240	213675	20.00	ng		0.00
86) Perylene-d12	14.99	264	151816	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	361033	78.17	ng		0.00
7) Phenol-d6	6.20	99	496450	82.39	ng		0.00
23) Nitrobenzene-d5	7.12	82	508573	82.78	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	78442	77.36	ng		0.00
44) 2-Fluorobiphenyl	8.90	172	663727	74.35	ng		0.00
78) Terphenyl-d14	12.62	244	690764	69.30	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.96	88	93212	42.83	ng	#	90
3) Pyridine	2.55	79	270299	44.00	ng	#	80
4) n-Nitrosodimethylamine	2.52	42	140356	41.04	ng	#	78
6) Aniline	6.21	93	349104	39.84	ng	#	28
8) 2-Chlorophenol	6.32	128	198762	39.32	ng		98
9) Benzaldehyde	6.08	77	155463	40.02	ng		96
10) Phenol	6.21	94	315759	44.37	ng		99
11) bis(2-Chloroethyl)ether	6.29	93	194188	35.56	ng		89
12) 1,3-Dichlorobenzene	6.48	146	228468	42.06	ng		97
13) 1,4-Dichlorobenzene	6.56	146	229783	42.72	ng		99
14) 1,2-Dichlorobenzene	6.71	146	183440	36.44	ng		98
15) Benzyl Alcohol	6.70	79	180885	37.10	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.85	45	405805	37.82	ng		95
17) 2-Methylphenol	6.82	107	184476	42.53	ng		93
18) Hexachloroethane	7.05	117	84901	39.07	ng		95
19) n-Nitroso-di-n-propylamine	6.98	70	175289	41.99	ng	#	84
20) 3+4-Methylphenols	6.98	107	225776	41.01	ng	#	42
22) Acetophenone	6.97	105	287911	39.08	ng	#	90
24) Nitrobenzene	7.13	77	220199	34.28	ng		95
25) Isophorone	7.38	82	440911	38.49	ng	#	95
26) 2-Nitrophenol	7.45	139	114273	42.78	ng	#	77
27) 2,4-Dimethylphenol	7.51	122	183799	38.89	ng		86
28) bis(2-Chloroethoxy)methane	7.60	93	272449	40.25	ng		99
29) 2,4-Dichlorophenol	7.69	162	151525	38.08	ng		89
30) 1,2,4-Trichlorobenzene	7.77	180	160412	36.28	ng		95
31) Naphthalene	7.85	128	616496	39.41	ng		99
32) Benzoic acid	7.65	122	121342	45.65	ng		90
33) 4-Chloroaniline	7.91	127	260206	39.42	ng		92
34) Hexachlorobutadiene	7.98	225	101769	40.70	ng		96
35) Caprolactam	8.30	113	58040	41.74	ng	#	45
36) 4-Chloro-3-methylphenol	8.40	107	190824	40.24	ng		99
37) 2-Methylnaphthalene	8.54	142	338299	34.24	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	163634	43.36	ng		99
40) Hexachlorocyclopentadiene	8.70	237	70534	36.11	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	115491	43.32	ng		97
43) 2,4,5-Trichlorophenol	8.86	196	106571	39.99	ng	#	83
45) 1,1'-Biphenyl	9.01	154	445594	43.25	ng		97
46) 2-Chloronaphthalene	9.03	162	331037	39.99	ng		99
47) 2-Nitroaniline	9.12	65	136045	40.16	ng		99
48) Acenaphthylene	9.43	152	536096	36.21	ng		99
49) Dimethylphthalate	9.32	163	351612	36.50	ng		100
50) 2,6-Dinitrotoluene	9.37	165	77530	37.49	ng	#	71
51) Acenaphthene	9.60	154	315586	35.60	ng		99
52) 3-Nitroaniline	9.53	138	108460	41.91	ng		99
53) 2,4-Dinitrophenol	9.65	184	43498	42.83	ng	#	54
54) Dibenzofuran	9.77	168	422617	35.58	ng		91
55) 4-Nitrophenol	9.70	139	70258	38.65	ng	#	85
56) 2,4-Dinitrotoluene	9.77	165	109789	40.05	ng	#	74
57) Fluorene	10.12	166	345502	37.81	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.90	232	87034m	42.20	ng		
59) Diethylphthalate	10.01	149	401276	39.35	ng		96
60) 4-Chlorophenyl-phenylether	10.12	204	156313	40.43	ng		96
61) 4-Nitroaniline	10.15	138	117836	44.54	ng		92
62) Azobenzene	10.28	77	487249	41.47	ng		93
64) 4,6-Dinitro-2-methylphenol	10.17	198	56204	38.63	ng		84
65) n-Nitrosodiphenylamine	10.24	169	349588	40.20	ng		98
66) 4-Bromophenyl-phenylether	10.60	248	86711	36.23	ng	#	63
67) Hexachlorobenzene	10.66	284	90149	37.19	ng	#	79
68) Atrazine	10.77	200	77865	32.14	ng		98
69) Pentachlorophenol	10.86	266	54183	37.26	ng		98
70) Phenanthrene	11.06	178	509840	35.31	ng		98
71) Anthracene	11.12	178	555521	39.54	ng		98
72) Carbazole	11.28	167	538948	39.84	ng		98
73) Di-n-butylphthalate	11.62	149	630106	38.50	ng		99
74) Fluoranthene	12.24	202	622987	39.99	ng		94
76) Benzidine	12.38	184	269418	33.38	ng		98
77) Pyrene	12.47	202	613042	35.29	ng		100
79) Butylbenzylphthalate	13.10	149	266287	35.66	ng	#	63
80) Benzo(a)anthracene	13.65	228	560635	39.12	ng		98
81) 3,3'-Dichlorobenzidine	13.63	252	191532	41.26	ng	#	96
82) Chrysene	13.68	228	412549	31.95	ng		99
83) Bis(2-ethylhexyl)phthalate	13.67	149	364701	38.13	ng		99
84) Di-n-octyl phthalate	14.28	149	625088	43.00	ng		99
85) Indeno(1,2,3-cd)pyrene	16.16	276	369047	40.70	ng	#	95
87) Benzo(b)fluoranthene	14.64	252	501920m	46.74	ng		
88) Benzo(k)fluoranthene	14.67	252	336199m	33.60	ng		
89) Benzo(a)pyrene	14.94	252	380136	40.63	ng		98
90) Dibenzo(a,h)anthracene	16.19	278	300434	41.21	ng		99
91) Benzo(g,h,i)perylene	16.52	276	302691	40.92	ng	#	90

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

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