Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079059.D
Acq On : 9 May 2015 1:24
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
5/12/2015 3:44:36 PM

Quant Time: May 09 02:03:59 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 08 22:44:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	72880	20.00	ng		0.00
21) Naphthalene-d8	8.90	136	299889	20.00	ng		0.00
38) Acenaphthene-d10	11.07	164	145734	20.00	ng		0.00
63) Phenanthrene-d10	12.93	188	272943	20.00	ng		0.00
75) Chrysene-d12	16.22	240	262440	20.00	ng		-0.03
86) Perylene-d12	17.95	264	252984	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	355592	83.99	ng		0.00
7) Phenol-d6	6.88	99	460640	82.31	ng		-0.01
23) Nitrobenzene-d5	8.01	82	424308	81.32	ng		0.00
41) 2,4,6-Tribromophenol	12.06	330	133915	84.94	ng		0.00
44) 2-Fluorobiphenyl	10.24	172	818384	78.24	ng		-0.01
78) Terphenyl-d14	14.91	244	907003	82.74	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	72377	39.32	ng	#	21
3) Pyridine	3.02	79	230624	42.81	ng		99
4) n-Nitrosodimethylamine	2.95	42	98522	42.68	ng		83
6) Aniline	6.91	93	321305	40.67	ng		98
8) 2-Chlorophenol	7.05	128	199744	41.60	ng		99
9) Benzaldehyde	6.76	77	143679	38.11	ng		87
10) Phenol	6.89	94	255104	39.29	ng		95
11) bis(2-Chloroethyl)ether	7.00	93	185482	38.97	ng		99
12) 1,3-Dichlorobenzene	7.24	146	223177	41.35	ng	#	95
13) 1,4-Dichlorobenzene	7.35	146	216051	38.90	ng		97
14) 1,2-Dichlorobenzene	7.53	146	206175	39.87	ng		96
15) Benzyl Alcohol	7.50	79	163982	39.47	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.68	45	284594	39.08	ng		99
17) 2-Methylphenol	7.64	107	162671	42.10	ng		99
18) Hexachloroethane	7.94	117	77472	40.49	ng	#	85
19) n-Nitroso-di-n-propylamine	7.84	70	151574	40.10	ng	#	80
20) 3+4-Methylphenols	7.84	107	216821	42.11	ng	#	50
22) Acetophenone	7.83	105	281768	41.59	ng		96
24) Nitrobenzene	8.03	77	212349	41.06	ng		98
25) Isophorone	8.33	82	388445	40.16	ng		100
26) 2-Nitrophenol	8.43	139	99823	46.63	ng		94
27) 2,4-Dimethylphenol	8.49	122	186933	43.64	ng		96
28) bis(2-Chloroethoxy)methane	8.62	93	244652	41.02	ng		100
29) 2,4-Dichlorophenol	8.73	162	159876	41.97	ng		92
30) 1,2,4-Trichlorobenzene	8.83	180	170724	40.80	ng		97
31) Naphthalene	8.92	128	599016	41.92	ng		99
32) Benzoic acid	8.59	122	99585	38.55	ng		97
33) 4-Chloroaniline	8.99	127	253251	41.88	ng		98
34) Hexachlorobutadiene	9.07	225	91576	38.00	ng		96
35) Caprolactam	9.43	113	54810	44.50	ng		92
36) 4-Chloro-3-methylphenol	9.60	107	172511	43.12	ng		99
37) 2-Methylnaphthalene	9.78	142	402408	40.64	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.99	216	163754	39.90	ng	#	100
40) Hexachlorocyclopentadiene	9.98	237	68568	33.22	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.14	196	119186	42.24	ng		96
43) 2,4,5-Trichlorophenol	10.18	196	118199	41.43	ng	#	90
45) 1,1'-Biphenyl	10.36	154	472363	40.77	ng		99
46) 2-Chloronaphthalene	10.39	162	370284	40.97	ng		97
47) 2-Nitroaniline	10.51	65	111106	42.43	ng		99
48) Acenaphthylene	10.90	152	619519	41.75	ng		99
49) Dimethylphthalate	10.75	163	434946	40.67	ng		100
50) 2,6-Dinitrotoluene	10.82	165	86615	41.03	ng		97
51) Acenaphthene	11.12	154	346983	39.21	ng		100
52) 3-Nitroaniline	11.03	138	118345	44.88	ng	#	93
53) 2,4-Dinitrophenol	11.16	184	23670	40.35	ng	#	77
54) Dibenzofuran	11.32	168	495980	38.81	ng		95
55) 4-Nitrophenol	11.23	139	80493	38.57	ng	#	77
56) 2,4-Dinitrotoluene	11.32	165	120754	43.27	ng	#	72
57) Fluorene	11.76	166	429640	40.95	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.48	232	90963	39.02	ng	#	100
59) Diethylphthalate	11.63	149	431508	40.72	ng		99
60) 4-Chlorophenyl-phenylether	11.76	204	181792	39.06	ng		89
61) 4-Nitroaniline	11.78	138	112863	42.79	ng		94
62) Azobenzene	11.95	77	399254	38.24	ng		93
64) 4,6-Dinitro-2-methylphenol	11.83	198	47540	43.46	ng	#	62
65) n-Nitrosodiphenylamine	11.91	169	365366	40.19	ng		99
66) 4-Bromophenyl-phenylether	12.38	248	112659	39.60	ng	#	86
67) Hexachlorobenzene	12.43	284	129369	39.79	ng	#	86
68) Atrazine	12.58	200	110427	41.78	ng		99
69) Pentachlorophenol	12.69	266	56275	33.89	ng		98
70) Phenanthrene	12.95	178	587366	38.47	ng		99
71) Anthracene	13.02	178	624192	41.67	ng		99
72) Carbazole	13.22	167	598853	41.94	ng		98
73) Di-n-butylphthalate	13.67	149	695082	40.59	ng	#	98
74) Fluoranthene	14.43	202	646970	40.66	ng		94
76) Benzidine	14.61	184	341895	48.34	ng		99
77) Pyrene	14.71	202	640043	42.32	ng		99
79) Butylbenzylphthalate	15.53	149	292989	44.32	ng		97
80) Benzo(a)anthracene	16.21	228	586545	40.81	ng		99
81) 3,3'-Dichlorobenzidine	16.18	252	214752	41.95	ng		99
82) Chrysene	16.25	228	550110	39.80	ng		99
83) Bis(2-ethylhexyl)phthalate	16.25	149	419381	41.88	ng	#	97
84) Di-n-octyl phthalate	17.05	149	729660	41.38	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.44	276	695579	39.50	ng	#	100
87) Benzo(b)fluoranthene	17.51	252	553432	39.97	ng		98
88) Benzo(k)fluoranthene	17.54	252	585205m	43.66	ng		
89) Benzo(a)pyrene	17.90	252	536385	42.07	ng		100
90) Dibenzo(a,h)anthracene	19.47	278	555705	41.01	ng		99
91) Benzo(g,h,i)perylene	19.89	276	544662	40.10	ng		98

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

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