Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
Data File : BF077809.D
Acq On : 18 Mar 2015 23:30
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/20/2015 1:48:31 PM

Quant Time: Mar 19 04:31:20 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 04:03:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	49978	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	209194	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	102288	20.00	ng		0.00
63) Phenanthrene-d10	12.74	188	200653	20.00	ng		0.00
75) Chrysene-d12	16.03	240	226051	20.00	ng		-0.02
86) Perylene-d12	17.75	264	221142	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	227210	79.35	ng		0.00
7) Phenol-d6	6.73	99	291508	82.40	ng		0.00
23) Nitrobenzene-d5	7.86	82	265852	83.31	ng		0.00
41) 2,4,6-Tribromophenol	11.88	330	71579	73.14	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	543720	78.12	ng		0.00
78) Terphenyl-d14	14.74	244	630760	68.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	43547	33.50	ng	#	100
3) Pyridine	2.73	79	121715	34.85	ng		98
4) n-Nitrosodimethylamine	2.66	42	52830	34.74	ng		99
6) Aniline	6.75	93	204266	40.37	ng		94
8) 2-Chlorophenol	6.89	128	134974	39.60	ng		99
9) Benzaldehyde	6.60	77	65929	45.49	ng		98
10) Phenol	6.74	94	169309	40.49	ng		99
11) bis(2-Chloroethyl)ether	6.85	93	126285	40.32	ng		98
12) 1,3-Dichlorobenzene	7.08	146	153203	40.42	ng		99
13) 1,4-Dichlorobenzene	7.18	146	152513	38.72	ng		98
14) 1,2-Dichlorobenzene	7.37	146	139474	38.63	ng		98
15) Benzyl Alcohol	7.34	79	107810	39.04	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.53	45	167918	39.78	ng		99
17) 2-Methylphenol	7.49	107	108542	39.12	ng		98
18) Hexachloroethane	7.78	117	51141	39.59	ng		96
19) n-Nitroso-di-n-propylamine	7.68	70	90145	36.84	ng		96
20) 3+4-Methylphenols	7.69	107	139103	38.21	ng		98
22) Acetophenone	7.68	105	180132	38.90	ng	#	94
24) Nitrobenzene	7.88	77	135224	39.33	ng	#	81
25) Isophorone	8.18	82	250473	38.86	ng		99
26) 2-Nitrophenol	8.27	139	65531	38.93	ng		95
27) 2,4-Dimethylphenol	8.34	122	121266	39.55	ng		96
28) bis(2-Chloroethoxy)methane	8.46	93	150497	38.47	ng		98
29) 2,4-Dichlorophenol	8.57	162	112001	38.32	ng		98
30) 1,2,4-Trichlorobenzene	8.67	180	123968	37.91	ng		98
31) Naphthalene	8.76	128	415297	38.65	ng		100
32) Benzoic acid	8.45	122	52914	32.03	ng		98
33) 4-Chloroaniline	8.84	127	172285	39.51	ng		96
34) Hexachlorobutadiene	8.92	225	73093	39.43	ng		99
35) Caprolactam	9.26	113	33668	39.41	ng		98
36) 4-Chloro-3-methylphenol	9.45	107	117056	39.80	ng		88
37) 2-Methylnaphthalene	9.62	142	267604	37.07	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	113641	37.25	ng	#	100
40) Hexachlorocyclopentadiene	9.81	237	53798	37.00	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	80350	38.02	ng		99
43) 2,4,5-Trichlorophenol	10.02	196	90668	39.71	ng	#	93
45) 1,1'-Biphenyl	10.20	154	313415	38.33	ng		99
46) 2-Chloronaphthalene	10.22	162	259671	39.08	ng		97
47) 2-Nitroaniline	10.35	65	65357	39.60	ng		86
48) Acenaphthylene	10.73	152	428936	38.82	ng		100
49) Dimethylphthalate	10.59	163	290190	38.25	ng		99
50) 2,6-Dinitrotoluene	10.67	165	64639	41.10	ng	#	69
51) Acenaphthene	10.94	154	245012	38.67	ng		99
52) 3-Nitroaniline	10.86	138	77296	42.32	ng		85
53) 2,4-Dinitrophenol	11.00	184	19869	38.99	ng	#	73
54) Dibenzofuran	11.16	168	364791	38.82	ng		95
55) 4-Nitrophenol	11.08	139	55801	41.25	ng	#	81
56) 2,4-Dinitrotoluene	11.16	165	88566	43.19	ng	#	78
57) Fluorene	11.58	166	307226	39.38	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.31	232	70515	40.11	ng	#	100
59) Diethylphthalate	11.47	149	293601	39.72	ng		97
60) 4-Chlorophenyl-phenylether	11.60	204	130942	36.77	ng		91
61) 4-Nitroaniline	11.62	138	76490	42.02	ng		81
62) Azobenzene	11.79	77	276295	39.11	ng		95
64) 4,6-Dinitro-2-methylphenol	11.66	198	33258	36.26	ng	#	70
65) n-Nitrosodiphenylamine	11.74	169	255642	38.26	ng		99
66) 4-Bromophenyl-phenylether	12.20	248	80835	37.75	ng	#	92
67) Hexachlorobenzene	12.26	284	87955	37.38	ng	#	91
68) Atrazine	12.42	200	68138	36.39	ng		95
69) Pentachlorophenol	12.51	266	45648	38.70	ng		97
70) Phenanthrene	12.77	178	444288	38.57	ng		99
71) Anthracene	12.84	178	453683	39.86	ng		99
72) Carbazole	13.05	167	442845	40.91	ng		99
73) Di-n-butylphthalate	13.51	149	481281	39.65	ng		99
74) Fluoranthene	14.25	202	505396	39.78	ng		96
76) Benzidine	14.43	184	240532	43.06	ng		97
77) Pyrene	14.53	202	530472	37.32	ng		99
79) Butylbenzylphthalate	15.37	149	208135	37.14	ng		92
80) Benzo(a)anthracene	16.02	228	531048	39.63	ng		99
81) 3,3'-Dichlorobenzidine	16.00	252	166612	37.69	ng		97
82) Chrysene	16.07	228	476246	39.53	ng		99
83) Bis(2-ethylhexyl)phthalate	16.09	149	317001	37.34	ng		99
84) Di-n-octyl phthalate	16.88	149	524654	36.14	ng		100
85) Indeno(1,2,3-cd)pyrene	19.14	276	611746	40.68	ng	#	100
87) Benzo(b)fluoranthene	17.31	252	504880	34.97	ng	#	96
88) Benzo(k)fluoranthene	17.35	252	506850m	44.95	ng		
89) Benzo(a)pyrene	17.69	252	483749	40.16	ng		99
90) Dibenzo(a,h)anthracene	19.17	278	497195	41.61	ng		99
91) Benzo(g,h,i)perylene	19.55	276	495921	40.77	ng		98

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

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