Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085732.D
Acq On : 24 Mar 2016 23:59
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Sohil
3/25/2016 3:04:35 PM

Quant Time: Mar 25 02:25:45 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 14:15:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	104623	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	430330	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	204718	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	390998	20.00	ng		0.00
75) Chrysene-d12	13.98	240	256835	20.00	ng		0.00
86) Perylene-d12	15.40	264	191154	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	530277	84.41	ng		0.01
7) Phenol-d6	6.46	99	639624	80.08	ng		0.00
23) Nitrobenzene-d5	7.40	82	612828	80.20	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	158795	81.64	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	1016298	82.94	ng		0.00
78) Terphenyl-d14	12.93	244	937921	75.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	125050	41.69	ng		99
3) Pyridine	3.11	79	271695	37.78	ng		99
4) n-Nitrosodimethylamine	3.05	42	117071	40.66	ng		98
6) Aniline	6.49	93	428385	39.84	ng		93
8) 2-Chlorophenol	6.61	128	307895	42.18	ng		96
9) Benzaldehyde	6.37	77	191216	39.73	ng		95
10) Phenol	6.48	94	351484	38.84	ng	#	64
11) bis(2-Chloroethyl)ether	6.56	93	274305	39.39	ng		96
12) 1,3-Dichlorobenzene	6.77	146	329021	41.86	ng		98
13) 1,4-Dichlorobenzene	6.85	146	318207m	39.92	ng		
14) 1,2-Dichlorobenzene	7.00	146	311592	41.94	ng		99
15) Benzyl Alcohol	6.97	79	223395	41.92	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	378014	40.91	ng		96
17) 2-Methylphenol	7.09	107	240911	41.23	ng		99
18) Hexachloroethane	7.34	117	120898	41.42	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	201744	42.18	ng		95
20) 3+4-Methylphenols	7.25	107	294527	41.92	ng	#	86
22) Acetophenone	7.24	105	399792	39.88	ng		100
24) Nitrobenzene	7.41	77	305418	38.77	ng		94
25) Isophorone	7.66	82	592050	40.22	ng	#	93
26) 2-Nitrophenol	7.73	139	157906	40.07	ng	#	89
27) 2,4-Dimethylphenol	7.77	122	296373	43.02	ng		97
28) bis(2-Chloroethoxy)methane	7.86	93	343746	40.98	ng		99
29) 2,4-Dichlorophenol	7.98	162	224620	38.79	ng		92
30) 1,2,4-Trichlorobenzene	8.06	180	257722	40.09	ng		93
31) Naphthalene	8.14	128	843530	38.90	ng		98
32) Benzoic acid	7.90	122	216314m	47.28	ng		
33) 4-Chloroaniline	8.18	127	344237	38.88	ng	#	94
34) Hexachlorobutadiene	8.25	225	140499	40.21	ng		99
35) Caprolactam	8.57	113	88180	42.99	ng	#	80
36) 4-Chloro-3-methylphenol	8.68	107	269350	39.82	ng	#	86
37) 2-Methylnaphthalene	8.82	142	544958	42.54	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	251401	41.41	ng		99
40) Hexachlorocyclopentadiene	8.97	237	78530	36.66	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	169152	41.25	ng		97
43) 2,4,5-Trichlorophenol	9.14	196	170495	39.65	ng	#	86
45) 1,1'-Biphenyl	9.29	154	725251	41.98	ng		95
46) 2-Chloronaphthalene	9.32	162	530918	41.80	ng		97
47) 2-Nitroaniline	9.41	65	148525	38.24	ng	#	84
48) Acenaphthylene	9.73	152	845436	40.85	ng		100
49) Dimethylphthalate	9.59	163	584765	37.65	ng		100
50) 2,6-Dinitrotoluene	9.66	165	147872	44.23	ng	#	67
51) Acenaphthene	9.90	154	488079	38.61	ng		100
52) 3-Nitroaniline	9.82	138	148851	38.90	ng		89
53) 2,4-Dinitrophenol	9.93	184	56485	36.96	ng	#	80
54) Dibenzofuran	10.07	168	678626	41.47	ng		98
55) 4-Nitrophenol	9.99	139	100224	40.20	ng		95
56) 2,4-Dinitrotoluene	10.06	165	177714	41.82	ng	#	67
57) Fluorene	10.41	166	569927	41.90	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	120834	40.43	ng		97
59) Diethylphthalate	10.29	149	597646	38.95	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	238531	35.87	ng		93
61) 4-Nitroaniline	10.44	138	144318	39.43	ng		91
62) Azobenzene	10.56	77	593361	40.24	ng		97
64) 4,6-Dinitro-2-methylphenol	10.47	198	95457	41.69	ng	#	61
65) n-Nitrosodiphenylamine	10.53	169	513055	41.43	ng		98
66) 4-Bromophenyl-phenylether	10.89	248	164126	41.03	ng		97
67) Hexachlorobenzene	10.96	284	174763	41.78	ng		96
68) Atrazine	11.05	200	158918	38.01	ng		98
69) Pentachlorophenol	11.16	266	84878	41.33	ng		99
70) Phenanthrene	11.37	178	862206	42.95	ng		100
71) Anthracene	11.42	178	825052	39.15	ng		99
72) Carbazole	11.58	167	717506	40.55	ng		100
73) Di-n-butylphthalate	11.91	149	974122	40.12	ng		100
74) Fluoranthene	12.56	202	827443	38.78	ng		88
76) Benzidine	12.68	184	355752	39.33	ng		99
77) Pyrene	12.78	202	820035	38.84	ng		99
79) Butylbenzylphthalate	13.41	149	363706	41.14	ng		97
80) Benzo(a)anthracene	13.97	228	568633	38.83	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	366982	36.11	ng		98
82) Chrysene	14.00	228	553128	37.50	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	421136	39.78	ng		99
84) Di-n-octyl phthalate	14.57	149	647614	41.14	ng		99
85) Indeno(1,2,3-cd)pyrene	16.78	276	499616	43.86	ng		99
87) Benzo(b)fluoranthene	15.00	252	522692m	43.41	ng		
88) Benzo(k)fluoranthene	15.02	252	404001m	37.21	ng		
89) Benzo(a)pyrene	15.34	252	432375	40.44	ng		99
90) Dibenzo(a,h)anthracene	16.79	278	420840	42.36	ng		99
91) Benzo(g,h,i)perylene	17.20	276	425009	42.25	ng	#	93

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

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