Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085617.D
Acq On : 21 Mar 2016 12:48
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/22/2016 5:33:26 PM

Quant Time: Mar 22 01:16:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	170826	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	671085	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	323141	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	606008	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	387991	20.00	ng		-0.01
86) Perylene-d12	15.42	264	299083	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	852089	83.78	ng		-0.01
7) Phenol-d6	6.48	99	975659	74.80	ng		-0.01
23) Nitrobenzene-d5	7.42	82	939227	81.24	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	240778	76.07	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1593004	83.79	ng		-0.01
78) Terphenyl-d14	12.95	244	1338612	83.02	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	198228	40.10	ng		99
3) Pyridine	3.16	79	465231	38.32	ng		99
4) n-Nitrosodimethylamine	3.11	42	200816	39.62	ng		99
6) Aniline	6.50	93	724746	41.37	ng	#	89
8) 2-Chlorophenol	6.63	128	457338	38.87	ng		97
9) Benzaldehyde	6.39	77	248962	40.83	ng		99
10) Phenol	6.49	94	521277	35.09	ng		89
11) bis(2-Chloroethyl)ether	6.58	93	434718	38.81	ng		98
12) 1,3-Dichlorobenzene	6.79	146	516347	40.27	ng		99
13) 1,4-Dichlorobenzene	6.86	146	493150	37.71	ng		99
14) 1,2-Dichlorobenzene	7.02	146	481593	41.48	ng		99
15) Benzyl Alcohol	7.00	79	361414	40.45	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	611540	41.52	ng		98
17) 2-Methylphenol	7.11	107	413504	42.40	ng		99
18) Hexachloroethane	7.36	117	197488	41.82	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	289686	37.18	ng	#	94
20) 3+4-Methylphenols	7.26	107	412007	36.47	ng		95
22) Acetophenone	7.26	105	591929	37.17	ng		99
24) Nitrobenzene	7.43	77	476332	37.64	ng		98
25) Isophorone	7.68	82	949700	41.03	ng	#	93
26) 2-Nitrophenol	7.75	139	277276	44.33	ng		98
27) 2,4-Dimethylphenol	7.80	122	448231	40.53	ng		95
28) bis(2-Chloroethoxy)methane	7.89	93	561690	42.66	ng		99
29) 2,4-Dichlorophenol	7.99	162	350803	38.41	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	398911	38.99	ng		99
31) Naphthalene	8.15	128	1254184	37.03	ng		100
32) Benzoic acid	7.93	122	275652	29.81	ng		89
33) 4-Chloroaniline	8.21	127	575391	41.44	ng		98
34) Hexachlorobutadiene	8.28	225	228527	41.91	ng		100
35) Caprolactam	8.60	113	132058	42.02	ng		93
36) 4-Chloro-3-methylphenol	8.69	107	391858	36.74	ng		96
37) 2-Methylnaphthalene	8.85	142	857688	41.54	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	363315	37.07	ng		99
40) Hexachlorocyclopentadiene	9.00	237	172166	38.97	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	256087	38.17	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	278994	40.86	ng	#	95
45) 1,1'-Biphenyl	9.32	154	1084105	38.89	ng		94
46) 2-Chloronaphthalene	9.34	162	837096	41.11	ng		99
47) 2-Nitroaniline	9.43	65	236799	38.44	ng		98
48) Acenaphthylene	9.75	152	1280895	38.87	ng		100
49) Dimethylphthalate	9.61	163	909543	37.30	ng		99
50) 2,6-Dinitrotoluene	9.68	165	228870	44.46	ng	#	58
51) Acenaphthene	9.92	154	777565	37.60	ng		99
52) 3-Nitroaniline	9.84	138	231017	35.83	ng		98
53) 2,4-Dinitrophenol	9.96	184	103284	32.75	ng	#	59
54) Dibenzofuran	10.09	168	1025148	40.71	ng		99
55) 4-Nitrophenol	10.00	139	172112	34.54	ng		87
56) 2,4-Dinitrotoluene	10.08	165	286470	42.50	ng	#	77
57) Fluorene	10.44	166	838872	39.97	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	185700	37.77	ng		97
59) Diethylphthalate	10.31	149	881125	36.34	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	364282	35.54	ng		98
61) 4-Nitroaniline	10.46	138	230115	36.21	ng		93
62) Azobenzene	10.58	77	878965	37.78	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	161636	41.68	ng	#	59
65) n-Nitrosodiphenylamine	10.55	169	780629	41.35	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	257067	42.46	ng		98
67) Hexachlorobenzene	10.98	284	277435	43.14	ng		98
68) Atrazine	11.08	200	228435	39.75	ng		98
69) Pentachlorophenol	11.18	266	147505	37.77	ng		100
70) Phenanthrene	11.40	178	1252771	39.21	ng		99
71) Anthracene	11.44	178	1192821	35.60	ng		99
72) Carbazole	11.60	167	1124718	38.91	ng		100
73) Di-n-butylphthalate	11.93	149	1461976	40.39	ng		100
74) Fluoranthene	12.58	202	1259052	37.63	ng		89
76) Benzidine	12.70	184	457503	35.06	ng		99
77) Pyrene	12.81	202	1274293	45.74	ng		100
79) Butylbenzylphthalate	13.43	149	571950	43.07	ng		97
80) Benzo(a)anthracene	13.99	228	895579	39.76	ng		100
81) 3,3'-Dichlorobenzidine	13.96	252	316802	38.38	ng		100
82) Chrysene	14.04	228	946124	43.66	ng		100
83) Bis(2-ethylhexyl)phthalate	13.98	149	626205	37.96	ng		99
84) Di-n-octyl phthalate	14.60	149	1019452	37.92	ng		100
85) Indeno(1,2,3-cd)pyrene	16.83	276	761023	42.03	ng		99
87) Benzo(b)fluoranthene	15.02	252	728375	37.32	ng		98
88) Benzo(k)fluoranthene	15.05	252	712397m	44.31	ng		
89) Benzo(a)pyrene	15.37	252	671233	40.57	ng	#	96
90) Dibenzo(a,h)anthracene	16.84	278	627583	45.48	ng		98
91) Benzo(g,h,i)perylene	17.25	276	646130	48.38	ng		95

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

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