Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085593.D
Acq On : 20 Mar 2016 00:37
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
3/21/2016 5:09:49 PM

Quant Time: Mar 21 04:26:20 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	6.86	152	148438	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	554360	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	246287	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	365216	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	291064	20.00	ng		0.00
86) Perylene-d12	15.44	264	295634	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	756583	85.61	ng		0.00
7) Phenol-d6	6.49	99	873488	77.07	ng		0.00
23) Nitrobenzene-d5	7.43	82	820959	85.96	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	179039	74.21	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1286221	90.58	ng		0.00
78) Terphenyl-d14	12.96	244	908101	75.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	175315	40.81	ng		100
3) Pyridine	3.18	79	429231	40.69	ng		100
4) n-Nitrosodimethylamine	3.13	42	180904	41.08	ng		100
6) Aniline	6.52	93	589267	38.71	ng		99
8) 2-Chlorophenol	6.64	128	425329	41.60	ng		99
9) Benzaldehyde	6.40	77	220351	41.88	ng		98
10) Phenol	6.50	94	507627	39.32	ng		95
11) bis(2-Chloroethyl)ether	6.60	93	412830	42.42	ng		99
12) 1,3-Dichlorobenzene	6.79	146	442371	39.71	ng	#	89
13) 1,4-Dichlorobenzene	6.87	146	432340	38.05	ng		99
14) 1,2-Dichlorobenzene	7.03	146	425177	42.14	ng		100
15) Benzyl Alcohol	7.00	79	295001	38.00	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	509806	39.83	ng		98
17) 2-Methylphenol	7.12	107	334849	39.51	ng		99
18) Hexachloroethane	7.37	117	160840	39.20	ng		96
19) n-Nitroso-di-n-propylamine	7.28	70	275447	40.68	ng		99
20) 3+4-Methylphenols	7.27	107	342493	34.89	ng		98
22) Acetophenone	7.27	105	496802	37.76	ng		98
24) Nitrobenzene	7.44	77	391605	37.46	ng		99
25) Isophorone	7.68	82	749905	39.22	ng		99
26) 2-Nitrophenol	7.76	139	232891	45.08	ng		95
27) 2,4-Dimethylphenol	7.80	122	346058	37.88	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	468144	43.04	ng		99
29) 2,4-Dichlorophenol	8.00	162	302027	40.03	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	327518	38.75	ng		99
31) Naphthalene	8.16	128	1037854	37.09	ng		100
32) Benzoic acid	7.93	122	287571	37.64	ng		99
33) 4-Chloroaniline	8.22	127	473272	41.27	ng		99
34) Hexachlorobutadiene	8.29	225	184517	40.97	ng		98
35) Caprolactam	8.60	113	98789	38.05	ng		96
36) 4-Chloro-3-methylphenol	8.70	107	362112	41.09	ng		97
37) 2-Methylnaphthalene	8.86	142	692184	40.58	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	286927	38.41	ng		99
40) Hexachlorocyclopentadiene	9.01	237	54708	16.25	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	209740	41.01	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	208869	40.13	ng		99
45) 1,1'-Biphenyl	9.32	154	796471	37.49	ng		98
46) 2-Chloronaphthalene	9.34	162	614699	39.61	ng	#	91
47) 2-Nitroaniline	9.44	65	209401	44.60	ng		90
48) Acenaphthylene	9.76	152	1032672	41.12	ng		99
49) Dimethylphthalate	9.62	163	812034	43.69	ng		99
50) 2,6-Dinitrotoluene	9.68	165	151942	38.73	ng		94
51) Acenaphthene	9.93	154	620637	39.38	ng		99
52) 3-Nitroaniline	9.85	138	205314	41.78	ng		91
53) 2,4-Dinitrophenol	9.96	184	30327	12.62	ng		89
54) Dibenzofuran	10.10	168	785435	40.92	ng		96
55) 4-Nitrophenol	10.01	139	132145	34.79	ng		91
56) 2,4-Dinitrotoluene	10.08	165	185323	36.08	ng	#	55
57) Fluorene	10.45	166	611069	38.20	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	139181	37.14	ng		98
59) Diethylphthalate	10.32	149	770871	41.72	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	308714	39.52	ng		93
61) 4-Nitroaniline	10.46	138	157790	32.58	ng		90
62) Azobenzene	10.60	77	704182	39.71	ng		95
64) 4,6-Dinitro-2-methylphenol	10.49	198	54218	23.20	ng	#	73
65) n-Nitrosodiphenylamine	10.55	169	507251	44.59	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	183928	50.41	ng		91
67) Hexachlorobenzene	11.00	284	178924	46.16	ng	#	88
68) Atrazine	11.08	200	143246	41.36	ng		96
69) Pentachlorophenol	11.18	266	84228	35.79	ng		98
70) Phenanthrene	11.41	178	814293	42.29	ng		98
71) Anthracene	11.45	178	820644	40.64	ng		99
72) Carbazole	11.61	167	721745	41.43	ng		98
73) Di-n-butylphthalate	11.95	149	1033745	47.39	ng		99
74) Fluoranthene	12.59	202	685933	34.02	ng		97
76) Benzidine	12.71	184	369486	37.75	ng		99
77) Pyrene	12.81	202	698844	33.44	ng		99
79) Butylbenzylphthalate	13.43	149	337518	33.88	ng	#	71
80) Benzo(a)anthracene	14.00	228	657639	38.92	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	265152	42.82	ng	#	96
82) Chrysene	14.04	228	544560	33.50	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	453829	36.67	ng	#	98
84) Di-n-octyl phthalate	14.61	149	858331	42.56	ng		99
85) Indeno(1,2,3-cd)pyrene	16.85	276	672034	49.47	ng		99
87) Benzo(b)fluoranthene	15.03	252	660519	34.24	ng		98
88) Benzo(k)fluoranthene	15.07	252	682521m	42.95	ng		
89) Benzo(a)pyrene	15.39	252	661314	40.44	ng		98
90) Dibenzo(a,h)anthracene	16.86	278	576211	42.24	ng		100
91) Benzo(g,h,i)perylene	17.26	276	519916	39.38	ng		100

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

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