Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085595.D
Acq On : 20 Mar 2016 3:25
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
3/21/2016 5:09:53 PM

Quant Time: Mar 21 04:28:46 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	150126	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	582458	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	265380	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	423575	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	305793	20.00	ng	0.00
86) Perylene-d12	15.44	264	287520	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	777882	87.03	ng	0.00
7) Phenol-d6	6.49	99	929693	81.10	ng	0.00
23) Nitrobenzene-d5	7.43	82	838951	83.61	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	205941	79.22	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1371693	89.31	ng	0.00
78) Terphenyl-d14	12.96	244	1048104	82.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.46	88	181395	41.75	ng	98
3) Pyridine	3.18	79	453946	42.55	ng	98
4) n-Nitrosodimethylamine	3.13	42	186724	41.92	ng	100
6) Aniline	6.52	93	622262	40.42	ng	99
8) 2-Chlorophenol	6.64	128	437939	42.36	ng	99
9) Benzaldehyde	6.40	77	229459	43.62	ng	96
10) Phenol	6.50	94	568635	43.55	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	429477	43.63	ng	99
12) 1,3-Dichlorobenzene	6.79	146	450783m	40.01	ng	
13) 1,4-Dichlorobenzene	6.87	146	439625	38.25	ng	99
14) 1,2-Dichlorobenzene	7.03	146	426146	41.76	ng	98
15) Benzyl Alcohol	7.00	79	296874	37.81	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	511230	39.49	ng	98
17) 2-Methylphenol	7.11	107	346537	40.43	ng	99
18) Hexachloroethane	7.37	117	163284	39.35	ng	94
19) n-Nitroso-di-n-propylamine	7.28	70	285836	41.74	ng	97
20) 3+4-Methylphenols	7.27	107	364926	36.76	ng	99
22) Acetophenone	7.27	105	519855	37.61	ng	98
24) Nitrobenzene	7.44	77	416915	37.96	ng	99
25) Isophorone	7.68	82	793209	39.48	ng	99
26) 2-Nitrophenol	7.76	139	245035	45.14	ng	95
27) 2,4-Dimethylphenol	7.80	122	357444	37.24	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	481239	42.11	ng	99
29) 2,4-Dichlorophenol	8.00	162	319807	40.34	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	343004	38.63	ng	99
31) Naphthalene	8.16	128	1079200	36.71	ng	100
32) Benzoic acid	7.93	122	291321	36.30	ng	99
33) 4-Chloroaniline	8.22	127	498644	41.38	ng	97
34) Hexachlorobutadiene	8.29	225	189343	40.01	ng	99
35) Caprolactam	8.60	113	102036	37.41	ng	99
36) 4-Chloro-3-methylphenol	8.70	107	384575	41.54	ng	97
37) 2-Methylnaphthalene	8.86	142	736714	41.11	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	306141	38.03	ng	100
40) Hexachlorocyclopentadiene	9.01	237	73505	20.26	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	225074	40.84	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	223387	39.83	ng		98
45) 1,1'-Biphenyl	9.32	154	825025	36.04	ng		99
46) 2-Chloronaphthalene	9.34	162	654434	39.14	ng	#	91
47) 2-Nitroaniline	9.44	65	226651	44.80	ng		90
48) Acenaphthylene	9.76	152	1120174	41.39	ng		99
49) Dimethylphthalate	9.62	163	831807	41.54	ng		100
50) 2,6-Dinitrotoluene	9.68	165	159321	37.68	ng		98
51) Acenaphthene	9.93	154	678187	39.93	ng		99
52) 3-Nitroaniline	9.85	138	216974	40.98	ng		96
53) 2,4-Dinitrophenol	9.96	184	46719	18.04	ng		88
54) Dibenzofuran	10.10	168	844057	40.81	ng		96
55) 4-Nitrophenol	10.01	139	152069	37.16	ng		97
56) 2,4-Dinitrotoluene	10.08	165	213992	38.66	ng	#	50
57) Fluorene	10.45	166	679808	39.44	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	150052	37.16	ng		99
59) Diethylphthalate	10.32	149	845945	42.49	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	344542	40.94	ng		92
61) 4-Nitroaniline	10.46	138	200484	38.41	ng		88
62) Azobenzene	10.60	77	768790	40.24	ng		96
64) 4,6-Dinitro-2-methylphenol	10.49	198	74957	27.65	ng		84
65) n-Nitrosodiphenylamine	10.55	169	578994	43.88	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	207217	48.97	ng	#	89
67) Hexachlorobenzene	11.00	284	204453	45.48	ng	#	89
68) Atrazine	11.08	200	170140	42.35	ng		97
69) Pentachlorophenol	11.18	266	99313	36.39	ng		98
70) Phenanthrene	11.41	178	938039	42.00	ng		99
71) Anthracene	11.45	178	919516	39.27	ng		100
72) Carbazole	11.61	167	813661	40.27	ng		98
73) Di-n-butylphthalate	11.95	149	1173936	46.40	ng		98
74) Fluoranthene	12.59	202	777305	33.24	ng		97
76) Benzidine	12.71	184	425405	41.37	ng		99
77) Pyrene	12.81	202	773381	35.22	ng		99
79) Butylbenzylphthalate	13.43	149	380263	36.33	ng	#	74
80) Benzo(a)anthracene	14.00	228	685471	38.61	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	276313	42.47	ng	#	95
82) Chrysene	14.04	228	576217	33.74	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	506788	38.98	ng	#	98
84) Di-n-octyl phthalate	14.61	149	904714	42.70	ng		99
85) Indeno(1,2,3-cd)pyrene	16.84	276	664363	46.55	ng		99
87) Benzo(b)fluoranthene	15.03	252	674935	35.98	ng		98
88) Benzo(k)fluoranthene	15.05	252	643781m	41.65	ng		
89) Benzo(a)pyrene	15.39	252	657910	41.37	ng	#	97
90) Dibenzo(a,h)anthracene	16.86	278	578734	43.63	ng		97
91) Benzo(g,h,i)perylene	17.26	276	523580	40.78	ng		98

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

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