Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085760.D
Acq On : 25 Mar 2016 14:30
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/28/2016 7:52:25 PM

Quant Time: Mar 25 16:20:28 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	106820	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	420060	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	165171	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	254168	20.00	ng		0.00
75) Chrysene-d12	13.98	240	200172	20.00	ng		0.00
86) Perylene-d12	15.40	264	191776	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	539705	84.14	ng		0.01
7) Phenol-d6	6.46	99	658430	80.74	ng		0.00
23) Nitrobenzene-d5	7.40	82	584679	78.38	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	105374	67.15	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	905530	91.60	ng		0.00
78) Terphenyl-d14	12.93	244	654510	67.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	133151	43.48	ng		97
3) Pyridine	3.10	79	339880	46.29	ng		99
4) n-Nitrosodimethylamine	3.05	42	121367	41.29	ng		100
6) Aniline	6.49	93	436496	39.76	ng		94
8) 2-Chlorophenol	6.61	128	294254	39.48	ng		91
9) Benzaldehyde	6.37	77	197695	40.23	ng		93
10) Phenol	6.48	94	380917	41.23	ng		78
11) bis(2-Chloroethyl)ether	6.56	93	270283	38.02	ng		96
12) 1,3-Dichlorobenzene	6.77	146	336571m	41.94	ng		
13) 1,4-Dichlorobenzene	6.85	146	337134	41.42	ng		94
14) 1,2-Dichlorobenzene	7.00	146	303803	40.05	ng		97
15) Benzyl Alcohol	6.97	79	226030	41.54	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	383309	40.63	ng		96
17) 2-Methylphenol	7.09	107	232119	38.91	ng		100
18) Hexachloroethane	7.34	117	111293	37.35	ng		91
19) n-Nitroso-di-n-propylamine	7.25	70	200337	41.03	ng		96
20) 3+4-Methylphenols	7.25	107	283342	39.50	ng	#	87
22) Acetophenone	7.24	105	391275	39.98	ng		99
24) Nitrobenzene	7.42	77	311585	40.52	ng	#	84
25) Isophorone	7.66	82	546361	38.02	ng	#	91
26) 2-Nitrophenol	7.73	139	132538	34.46	ng	#	82
27) 2,4-Dimethylphenol	7.77	122	283015	42.09	ng		97
28) bis(2-Chloroethoxy)methane	7.86	93	334868	40.90	ng		99
29) 2,4-Dichlorophenol	7.98	162	211857	37.48	ng		93
30) 1,2,4-Trichlorobenzene	8.06	180	252881	40.30	ng		96
31) Naphthalene	8.14	128	836073	39.50	ng		99
32) Benzoic acid	7.89	122	135081	30.25	ng		99
33) 4-Chloroaniline	8.18	127	322577	37.33	ng	#	93
34) Hexachlorobutadiene	8.25	225	139408	40.87	ng		98
35) Caprolactam	8.56	113	71451	35.68	ng		93
36) 4-Chloro-3-methylphenol	8.68	107	229282	34.73	ng	#	87
37) 2-Methylnaphthalene	8.82	142	483961	37.70	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	228450	46.64	ng		99
40) Hexachlorocyclopentadiene	8.97	237	15987	16.12	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	135117	40.84	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	129444	37.31	ng	#	78
45) 1,1'-Biphenyl	9.29	154	629250	45.15	ng		95
46) 2-Chloronaphthalene	9.32	162	455994	44.49	ng		96
47) 2-Nitroaniline	9.41	65	121589	38.80	ng		84
48) Acenaphthylene	9.73	152	713584	42.73	ng		99
49) Dimethylphthalate	9.59	163	519918	41.49	ng		100
50) 2,6-Dinitrotoluene	9.66	165	109931	40.76	ng	#	62
51) Acenaphthene	9.90	154	398824	39.10	ng		99
52) 3-Nitroaniline	9.82	138	115821	37.51	ng		92
53) 2,4-Dinitrophenol	9.94	184	8510	11.81	ng	#	76
54) Dibenzofuran	10.07	168	534125	40.46	ng		98
55) 4-Nitrophenol	9.99	139	65985	32.81	ng		96
56) 2,4-Dinitrotoluene	10.06	165	131851	38.46	ng	#	76
57) Fluorene	10.41	166	434182	39.56	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	83316	34.55	ng		98
59) Diethylphthalate	10.29	149	522298	42.19	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	197497	36.81	ng		92
61) 4-Nitroaniline	10.44	138	120318	40.74	ng		97
62) Azobenzene	10.56	77	413888	34.79	ng		98
64) 4,6-Dinitro-2-methylphenol	10.47	198	18097	12.16	ng	#	63
65) n-Nitrosodiphenylamine	10.53	169	379953	47.20	ng		98
66) 4-Bromophenyl-phenylether	10.89	248	116803	44.92	ng		94
67) Hexachlorobenzene	10.96	284	113111	41.59	ng	#	89
68) Atrazine	11.05	200	120879	44.47	ng		99
69) Pentachlorophenol	11.16	266	56199	42.09	ng		99
70) Phenanthrene	11.37	178	585587	44.87	ng		100
71) Anthracene	11.42	178	556213	40.60	ng		99
72) Carbazole	11.58	167	498323	43.32	ng		99
73) Di-n-butylphthalate	11.91	149	707761	44.84	ng		99
74) Fluoranthene	12.56	202	540183	38.94	ng		89
76) Benzidine	12.69	184	341941	48.51	ng		99
77) Pyrene	12.79	202	548404	33.33	ng		99
79) Butylbenzylphthalate	13.41	149	270110	39.20	ng		100
80) Benzo(a)anthracene	13.97	228	467736	40.98	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	356452	45.00	ng		98
82) Chrysene	14.01	228	469255	40.82	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	357945	43.38	ng		99
84) Di-n-octyl phthalate	14.57	149	663303	54.07	ng		100
85) Indeno(1,2,3-cd)pyrene	16.79	276	418510	47.14	ng		99
87) Benzo(b)fluoranthene	15.00	252	464321m	38.43	ng		
88) Benzo(k)fluoranthene	15.02	252	462401m	42.46	ng		
89) Benzo(a)pyrene	15.34	252	436732	40.71	ng		99
90) Dibenzo(a,h)anthracene	16.80	278	359053	36.02	ng		99
91) Benzo(g,h,i)perylene	17.20	276	332621	32.96	ng		97

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

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