Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
Data File : BF083402.D
Acq On : 2 Dec 2015 6:08
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
12/2/2015 6:13:02 PM

Quant Time: Dec 02 06:35:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	179955	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	696813	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	354852	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	682547	20.00	ng		0.00
75) Chrysene-d12	14.76	240	522568	20.00	ng		0.00
86) Perylene-d12	16.82	264	433835	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	921755	76.86	ng		0.00
7) Phenol-d6	6.22	99	1248210	76.04	ng		0.00
23) Nitrobenzene-d5	7.13	82	1177066	74.26	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	258678	72.62	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	1811969	72.77	ng		0.00
78) Terphenyl-d14	13.22	244	1876215	85.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	233548	35.96	ng		99
3) Pyridine	2.56	79	648447	39.92	ng		99
4) n-Nitrosodimethylamine	2.52	42	311584	38.97	ng		95
6) Aniline	6.21	93	834417	37.16	ng		98
8) 2-Chlorophenol	6.34	128	508218	38.42	ng		99
9) Benzaldehyde	6.09	77	310032	39.04	ng		99
10) Phenol	6.24	94	749319	37.94	ng		99
11) bis(2-Chloroethyl)ether	6.29	93	533116	37.11	ng		98
12) 1,3-Dichlorobenzene	6.49	146	569312	38.72	ng		99
13) 1,4-Dichlorobenzene	6.57	146	579605	38.14	ng		98
14) 1,2-Dichlorobenzene	6.73	146	487664	34.97	ng		100
15) Benzyl Alcohol	6.72	79	503703	39.70	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.85	45	948912	37.64	ng		92
17) 2-Methylphenol	6.84	107	424924	38.54	ng		98
18) Hexachloroethane	7.06	117	200121	37.91	ng		99
19) n-Nitroso-di-n-propylamine	6.99	70	485315	41.36	ng		98
20) 3+4-Methylphenols	7.00	107	574266	38.45	ng		98
22) Acetophenone	6.98	105	794650	38.12	ng		100
24) Nitrobenzene	7.15	77	627568	37.07	ng		99
25) Isophorone	7.39	82	1160885	37.81	ng		99
26) 2-Nitrophenol	7.46	139	252753	36.58	ng		99
27) 2,4-Dimethylphenol	7.53	122	460023	39.71	ng		99
28) bis(2-Chloroethoxy)methane	7.61	93	652757	37.33	ng		99
29) 2,4-Dichlorophenol	7.71	162	418633	37.58	ng		97
30) 1,2,4-Trichlorobenzene	7.79	180	454263	37.46	ng		99
31) Naphthalene	7.86	128	1380809	36.52	ng		99
32) Benzoic acid	7.66	122	250153	31.31	ng		96
33) 4-Chloroaniline	7.93	127	640326	39.29	ng		98
34) Hexachlorobutadiene	7.98	225	256266	37.22	ng		98
35) Caprolactam	8.32	113	145190	41.25	ng	#	69
36) 4-Chloro-3-methylphenol	8.43	107	468796	37.52	ng		99
37) 2-Methylnaphthalene	8.56	142	930621	36.83	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	414695	36.87	ng		99
40) Hexachlorocyclopentadiene	8.70	237	157931	29.56	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	313479	39.73	ng		97
43) 2,4,5-Trichlorophenol	8.89	196	306290	37.47	ng		92
45) 1,1'-Biphenyl	9.02	154	1159483	37.26	ng		100
46) 2-Chloronaphthalene	9.04	162	867929	36.60	ng		99
47) 2-Nitroaniline	9.15	65	380665	40.53	ng		95
48) Acenaphthylene	9.45	152	1381356	36.52	ng		100
49) Dimethylphthalate	9.33	163	1037996	35.99	ng		100
50) 2,6-Dinitrotoluene	9.39	165	226961	36.85	ng		90
51) Acenaphthene	9.62	154	800058	35.96	ng		99
52) 3-Nitroaniline	9.56	138	265896	36.84	ng		96
53) 2,4-Dinitrophenol	9.66	184	69579	22.71	ng	#	79
54) Dibenzofuran	9.79	168	1154994	35.43	ng		99
55) 4-Nitrophenol	9.76	139	117781m	26.09	ng		
56) 2,4-Dinitrotoluene	9.79	165	283159	36.24	ng		92
57) Fluorene	10.13	166	942475	36.61	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.93	232	242946	36.83	ng		100
59) Diethylphthalate	10.03	149	1056715	38.44	ng		100
60) 4-Chlorophenyl-phenylether	10.13	204	450492	38.08	ng		96
61) 4-Nitroaniline	10.18	138	290189	40.18	ng		97
62) Azobenzene	10.29	77	1329762	40.05	ng		98
64) 4,6-Dinitro-2-methylphenol	10.20	198	134472	29.34	ng		91
65) n-Nitrosodiphenylamine	10.26	169	950375	39.62	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	294478	39.44	ng		97
67) Hexachlorobenzene	10.70	284	323760	39.22	ng		99
68) Atrazine	10.82	200	252826	38.11	ng		98
69) Pentachlorophenol	10.92	266	133830	30.95	ng		99
70) Phenanthrene	11.16	178	1545438	38.26	ng		99
71) Anthracene	11.22	178	1583668	38.95	ng		99
72) Carbazole	11.41	167	1358962	37.20	ng		99
73) Di-n-butylphthalate	11.86	149	1753071	40.49	ng		100
74) Fluoranthene	12.66	202	1534896	36.66	ng		100
76) Benzidine	12.87	184	592743	38.08	ng		100
77) Pyrene	12.98	202	1576849	43.21	ng		100
79) Butylbenzylphthalate	13.96	149	703723	45.46	ng		97
80) Benzo(a)anthracene	14.74	228	1261454	39.40	ng		100
81) 3,3'-Dichlorobenzidine	14.73	252	382332	38.23	ng		99
82) Chrysene	14.80	228	1149009	37.15	ng		98
83) Bis(2-ethylhexyl)phthalate	14.88	149	1003689	48.33	ng		100
84) Di-n-octyl phthalate	15.85	149	1558755	50.40	ng		100
85) Indeno(1,2,3-cd)pyrene	18.20	276	1047608	46.50	ng		100
87) Benzo(b)fluoranthene	16.31	252	1049544	37.70	ng		99
88) Benzo(k)fluoranthene	16.35	252	941063	35.80	ng		98
89) Benzo(a)pyrene	16.75	252	923086	38.61	ng		100
90) Dibenzo(a,h)anthracene	18.23	278	878712	42.18	ng		99
91) Benzo(g,h,i)perylene	18.58	276	822027	40.20	ng		98

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

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