Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091117\
Data File : BF098406.D
Acq On : 11 Sep 2017 16:49
Operator : SJ/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
9/12/2017 6:01:55 PM

Quant Time: Sep 11 17:32:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 11 17:18:41 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	211124	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	909816	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	407565	20.00	ng		0.00
63) Phenanthrene-d10	11.19	188	738075	20.00	ng		0.00
75) Chrysene-d12	13.82	240	506870	20.00	ng		0.00
86) Perylene-d12	15.22	264	418373	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1164025	83.86	ng		0.00
7) Phenol-d6	6.32	99	1419932	75.29	ng		0.00
23) Nitrobenzene-d5	7.24	82	1293268	77.22	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	223802	63.29	ng		0.00
44) 2-Fluorobiphenyl	9.03	172	1910579	68.87	ng		0.00
78) Terphenyl-d14	12.77	244	1786738	73.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	299511	38.693	ng		88
3) Pyridine	2.98	79	811204	37.908	ng	#	83
4) n-Nitrosodimethylamine	2.95	42	405897	49.296	ng		86
6) Aniline	6.33	93	881201	33.262	ng	#	20
8) 2-Chlorophenol	6.46	128	630339	43.062	ng		94
9) Benzaldehyde	6.22	77	474457	39.719	ng		90
10) Phenol	6.33	94	819086	37.136	ng	#	65
11) bis(2-Chloroethyl)ether	6.41	93	637617	38.301	ng		92
12) 1,3-Dichlorobenzene	6.61	146	623840	39.621	ng	#	96
13) 1,4-Dichlorobenzene	6.69	146	641973	40.089	ng		95
14) 1,2-Dichlorobenzene	6.84	146	576060	39.014	ng		99
15) Benzyl Alcohol	6.82	79	461718	32.701	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1031161	46.037	ng		83
17) 2-Methylphenol	6.94	107	511769	39.674	ng	#	92
18) Hexachloroethane	7.17	117	250594	39.914	ng	#	80
19) n-Nitroso-di-n-propylamine	7.09	70	438693	33.981	ng		96
20) 3+4-Methylphenols	7.10	107	633951	40.237	ng	#	70
22) Acetophenone	7.09	105	900800	37.478	ng	#	96
24) Nitrobenzene	7.26	77	734949	39.413	ng		95
25) Isophorone	7.50	82	1291637	37.090	ng		100
26) 2-Nitrophenol	7.57	139	317818	51.050	ng	#	78
27) 2,4-Dimethylphenol	7.62	122	557613	38.393	ng		97
28) bis(2-Chloroethoxy)methane	7.71	93	798541	34.878	ng		99
29) 2,4-Dichlorophenol	7.82	162	481701	39.955	ng		96
30) 1,2,4-Trichlorobenzene	7.90	180	506368	37.888	ng		99
31) Naphthalene	7.97	128	1724737	36.515	ng		99
32) Benzoic acid	7.78	122	360992	37.451	ng		94
33) 4-Chloroaniline	8.03	127	725087	36.400	ng		99
34) Hexachlorobutadiene	8.09	225	260577	33.393	ng		99
35) Caprolactam	8.42	113	159075	38.812	ng	#	59
36) 4-Chloro-3-methylphenol	8.53	107	583919	37.697	ng		85
37) 2-Methylnaphthalene	8.66	142	1059085	36.573	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	493080	39.421	ng		98
40) Hexachlorocyclopentadiene	8.82	237	122254	20.345	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	308557	36.744	ng		93
43) 2,4,5-Trichlorophenol	8.99	196	319721	38.377	ng		95
45) 1,1'-Biphenyl	9.13	154	1404151	37.780	ng		97
46) 2-Chloronaphthalene	9.15	162	1013441	36.905	ng	#	91
47) 2-Nitroaniline	9.26	65	405160	44.010	ng		92
48) Acenaphthylene	9.57	152	1493654	34.636	ng		99
49) Dimethylphthalate	9.43	163	1214905	40.780	ng		99
50) 2,6-Dinitrotoluene	9.50	165	265156	44.589	ng	#	55
51) Acenaphthene	9.74	154	934982	34.377	ng		98
52) 3-Nitroaniline	9.67	138	316066	41.195	ng		93
53) 2,4-Dinitrophenol	9.79	184	101093	46.687	ng	#	78
54) Dibenzofuran	9.91	168	1224945	33.605	ng		97
55) 4-Nitrophenol	9.85	139	183523	29.986	ng	#	36
56) 2,4-Dinitrotoluene	9.90	165	311008	41.674	ng	#	45
57) Fluorene	10.25	166	1012724	35.935	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	218089	33.812	ng		98
59) Diethylphthalate	10.13	149	1150371	36.925	ng		98
60) 4-Chlorophenyl-phenylether	10.24	204	469468	35.858	ng		89
61) 4-Nitroaniline	10.29	138	315632	43.284	ng		79
62) Azobenzene	10.40	77	1250792	33.799	ng		95
64) 4,6-Dinitro-2-methylphenol	10.32	198	170721	56.001	ng		94
65) n-Nitrosodiphenylamine	10.37	169	927907	36.919	ng		98
66) 4-Bromophenyl-phenylether	10.73	248	279058	36.409	ng		97
67) Hexachlorobenzene	10.80	284	275768	35.300	ng	#	80
68) Atrazine	10.90	200	286829	43.032	ng		98
69) Pentachlorophenol	11.00	266	111688	24.520	ng		98
70) Phenanthrene	11.21	178	1492387	37.945	ng		99
71) Anthracene	11.26	178	1554037	38.957	ng		100
72) Carbazole	11.42	167	1425511	37.647	ng		100
73) Di-n-butylphthalate	11.75	149	1766336	40.498	ng		100
74) Fluoranthene	12.39	202	1509530	36.772	ng		98
76) Benzidine	12.52	184	896052	53.917	ng		98
77) Pyrene	12.62	202	1560657	37.646	ng		99
79) Butylbenzylphthalate	13.24	149	722843	45.478	ng	#	72
80) Benzo(a)anthracene	13.81	228	1134926	37.359	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	467885	45.643	ng	#	96
82) Chrysene	13.84	228	1176505	38.931	ng		100
83) Bis(2-ethylhexyl)phthalate	13.80	149	875822	49.727	ng		98
84) Di-n-octyl phthalate	14.41	149	1577933	51.490	ng		96
85) Indeno(1,2,3-cd)pyrene	16.56	276	792286	35.639	ng		99
87) Benzo(b)fluoranthene	14.82	252	1010542	38.320	ng		98
88) Benzo(k)fluoranthene	14.85	252	1008397m	40.701	ng		
89) Benzo(a)pyrene	15.16	252	936949	40.133	ng		98
90) Dibenzo(a,h)anthracene	16.57	278	647581	34.072	ng		97
91) Benzo(g,h,i)perylene	16.96	276	639488	32.246	ng		99

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

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