Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
Data File : BF100254.D
Acq On : 6 Nov 2017 16:37
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/7/2017 5:39:47 PM

Quant Time: Nov 07 10:34:30 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 02:59:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	91492	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	390732	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	177865	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	319612	20.00	ng		0.00
75) Chrysene-d12	13.94	240	250578	20.00	ng		0.00
86) Perylene-d12	15.40	264	216527	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	528143	90.63	ng		0.00
7) Phenol-d6	6.42	99	612307	88.61	ng		0.00
23) Nitrobenzene-d5	7.34	82	496643	81.83	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	138955	85.73	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	966783	83.86	ng		0.00
78) Terphenyl-d14	12.87	244	914623	79.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	109552	42.570	ng	#	88
3) Pyridine	3.20	79	274289m	44.322	ng		
4) n-Nitrosodimethylamine	3.17	42	91231	41.264	ng	#	63
6) Aniline	6.43	93	391925	43.744	ng	#	84
8) 2-Chlorophenol	6.55	128	278482	44.837	ng		94
9) Benzaldehyde	6.33	77	155462	37.650	ng		93
10) Phenol	6.43	94	322135	42.460	ng	#	72
11) bis(2-Chloroethyl)ether	6.50	93	266226	45.442	ng		94
12) 1,3-Dichlorobenzene	6.70	146	304541m	43.669	ng		
13) 1,4-Dichlorobenzene	6.77	146	317223	44.819	ng		98
14) 1,2-Dichlorobenzene	6.93	146	282266	43.758	ng		98
15) Benzyl Alcohol	6.92	79	204068	46.437	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.03	45	272301	41.841	ng		65
17) 2-Methylphenol	7.03	107	237003	45.618	ng	#	94
18) Hexachloroethane	7.26	117	101655	43.049	ng		97
19) n-Nitroso-di-n-propylamine	7.18	70	182641	45.103	ng		89
20) 3+4-Methylphenols	7.19	107	301012	49.759	ng	#	82
22) Acetophenone	7.18	105	385676	43.351	ng	#	91
24) Nitrobenzene	7.36	77	260066	42.528	ng		90
25) Isophorone	7.59	82	454728	41.291	ng		95
26) 2-Nitrophenol	7.67	139	152567	43.560	ng	#	81
27) 2,4-Dimethylphenol	7.71	122	226379	43.867	ng		95
28) bis(2-Chloroethoxy)methane	7.79	93	317662	41.187	ng		100
29) 2,4-Dichlorophenol	7.93	162	240330	44.830	ng		95
30) 1,2,4-Trichlorobenzene	7.99	180	238972	41.720	ng		97
31) Naphthalene	8.06	128	792781	42.033	ng		99
32) Benzoic acid	7.89	122	145074	31.938	ng		91
33) 4-Chloroaniline	8.13	127	337362	43.316	ng		95
34) Hexachlorobutadiene	8.17	225	121012	41.073	ng		98
35) Caprolactam	8.52	113	75619m	44.854	ng		
36) 4-Chloro-3-methylphenol	8.63	107	236867	43.289	ng		88
37) 2-Methylnaphthalene	8.76	142	530719	41.989	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	250374	43.584	ng	#	97
40) Hexachlorocyclopentadiene	8.90	237	45736	47.339	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	148014	42.596	ng		99
43) 2,4,5-Trichlorophenol	9.11	196	140040	37.978	ng		94
45) 1,1'-Biphenyl	9.22	154	689392	42.845	ng		98
46) 2-Chloronaphthalene	9.25	162	502300	42.985	ng		94
47) 2-Nitroaniline	9.36	65	137160	44.722	ng		88
48) Acenaphthylene	9.66	152	778888	43.276	ng		99
49) Dimethylphthalate	9.53	163	560823	39.816	ng		99
50) 2,6-Dinitrotoluene	9.60	165	126103	42.587	ng	#	84
51) Acenaphthene	9.83	154	469418	42.685	ng		98
52) 3-Nitroaniline	9.78	138	157122	45.033	ng		91
53) 2,4-Dinitrophenol	9.93	184	50220	45.624	ng	#	85
54) Dibenzofuran	10.00	168	690259	44.466	ng		100
55) 4-Nitrophenol	9.99	139	53436m	29.312	ng		
56) 2,4-Dinitrotoluene	10.02	165	173238	48.580	ng	#	79
57) Fluorene	10.35	166	550203	42.808	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	114785	44.398	ng	#	89
59) Diethylphthalate	10.22	149	551513	40.095	ng		96
60) 4-Chlorophenyl-phenylether	10.33	204	261477	43.227	ng		93
61) 4-Nitroaniline	10.40	138	154010	46.266	ng		84
62) Azobenzene	10.50	77	467010	40.502	ng		88
64) 4,6-Dinitro-2-methylphenol	10.44	198	85289	42.451	ng	#	70
65) n-Nitrosodiphenylamine	10.46	169	500688	42.437	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	143277	42.582	ng		94
67) Hexachlorobenzene	10.90	284	147184	42.757	ng		96
68) Atrazine	10.99	200	144847	40.871	ng		97
69) Pentachlorophenol	11.12	266	49514m	33.662	ng		
70) Phenanthrene	11.32	178	767532	42.553	ng		98
71) Anthracene	11.37	178	794552	43.397	ng		99
72) Carbazole	11.53	167	760651	44.180	ng		98
73) Di-n-butylphthalate	11.84	149	863822	39.336	ng	#	98
74) Fluoranthene	12.51	202	795894	42.459	ng		99
76) Benzidine	12.63	184	328167	29.930	ng		99
77) Pyrene	12.74	202	819072	42.987	ng		98
79) Butylbenzylphthalate	13.34	149	365687	38.975	ng		87
80) Benzo(a)anthracene	13.93	228	644079	40.546	ng		98
81) 3,3'-Dichlorobenzidine	13.89	252	238225	41.314	ng		100
82) Chrysene	13.97	228	634803	42.507	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	443716	33.676	ng		98
84) Di-n-octyl phthalate	14.50	149	815654	36.067	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.87	276	464770	33.901	ng		97
87) Benzo(b)fluoranthene	14.98	252	545946	39.930	ng		97
88) Benzo(k)fluoranthene	15.01	252	611904	47.461	ng		98
89) Benzo(a)pyrene	15.34	252	521427	42.455	ng		98
90) Dibenzo(a,h)anthracene	16.86	278	399763	36.631	ng		99
91) Benzo(g,h,i)perylene	17.32	276	384195	35.983	ng		97

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

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