Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094874.D
Acq On : 4 May 2017 15:12
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/5/2017 5:23:25 PM

Quant Time: May 04 16:39:12 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	110904	20.00	ng		0.00
21) Naphthalene-d8	9.74	136	447160	20.00	ng		-0.01
38) Acenaphthene-d10	12.57	164	196461	20.00	ng		-0.01
63) Phenanthrene-d10	14.97	188	354393	20.00	ng		-0.01
75) Chrysene-d12	18.64	240	264962	20.00	ng		-0.01
86) Perylene-d12	20.30	264	227986	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	519156	78.04	ng		-0.01
7) Phenol-d6	7.27	99	648611	81.26	ng		-0.01
23) Nitrobenzene-d5	8.62	82	571876	80.65	ng		-0.01
41) 2,4,6-Tribromophenol	13.87	330	137624	85.54	ng		-0.01
44) 2-Fluorobiphenyl	11.52	172	1116365	81.79	ng		0.00
78) Terphenyl-d14	17.30	244	907646	75.45	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	151178	46.34	ng		95
3) Pyridine	2.75	79	286405	37.88	ng		100
4) n-Nitrosodimethylamine	2.70	42	117044	37.14	ng		84
6) Aniline	7.22	93	425266	42.21	ng		96
8) 2-Chlorophenol	7.41	128	314709	41.57	ng		96
9) Benzaldehyde	7.03	77	185608	38.08	ng		99
10) Phenol	7.28	94	341026	40.55	ng		91
11) bis(2-Chloroethyl)ether	7.36	93	280524	40.40	ng		94
12) 1,3-Dichlorobenzene	7.62	146	349235	40.66	ng		99
13) 1,4-Dichlorobenzene	7.75	146	350204	40.21	ng		97
14) 1,2-Dichlorobenzene	7.98	146	331652	40.79	ng		97
15) Benzyl Alcohol	8.01	79	238196	46.40	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.21	45	375183	38.18	ng	#	40
17) 2-Methylphenol	8.22	107	244467	39.45	ng	#	92
18) Hexachloroethane	8.51	117	118535	40.17	ng		88
19) n-Nitroso-di-n-propylamine	8.43	70	215743	39.97	ng		95
20) 3+4-Methylphenols	8.47	107	330173	39.21	ng	#	58
22) Acetophenone	8.40	105	436952	40.73	ng	#	84
24) Nitrobenzene	8.65	77	298920	40.22	ng		93
25) Isophorone	9.05	82	541548	42.77	ng	#	94
26) 2-Nitrophenol	9.16	139	170266	42.45	ng		99
27) 2,4-Dimethylphenol	9.30	122	268344	41.38	ng		98
28) bis(2-Chloroethoxy)methane	9.42	93	346780	39.59	ng		100
29) 2,4-Dichlorophenol	9.57	162	258959	42.29	ng		98
30) 1,2,4-Trichlorobenzene	9.67	180	265101	40.41	ng		99
31) Naphthalene	9.78	128	881994	39.24	ng		99
32) Benzoic acid	9.61	122	153683	37.36	ng		98
33) 4-Chloroaniline	9.91	127	350793	41.88	ng		94
34) Hexachlorobutadiene	10.00	225	134973	39.00	ng		99
35) Caprolactam	10.54	113	76300m	41.50	ng		
36) 4-Chloro-3-methylphenol	10.77	107	264834	40.46	ng		91
37) 2-Methylnaphthalene	10.90	142	615779	41.75	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	252868	41.85	ng		99
40) Hexachlorocyclopentadiene	11.16	237	96891	41.32	ng		99

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	171479	42.51	ng		99
43) 2,4,5-Trichlorophenol	11.48	196	174705	40.30	ng	#	92
45) 1,1'-Biphenyl	11.67	154	681205	41.18	ng		98
46) 2-Chloronaphthalene	11.68	162	527711	39.51	ng		95
47) 2-Nitroaniline	11.89	65	147751	40.42	ng		86
48) Acenaphthylene	12.34	152	850297	40.65	ng		99
49) Dimethylphthalate	12.22	163	636789	39.48	ng		99
50) 2,6-Dinitrotoluene	12.31	165	139813	42.49	ng		97
51) Acenaphthene	12.63	154	497915	39.85	ng		99
52) 3-Nitroaniline	12.57	138	138828	39.31	ng		89
53) 2,4-Dinitrophenol	12.77	184	69268	41.48	ng	#	68
54) Dibenzofuran	12.91	168	770826	44.58	ng		98
55) 4-Nitrophenol	12.95	139	75843	35.76	ng	#	77
56) 2,4-Dinitrotoluene	12.97	165	182420	43.15	ng	#	91
57) Fluorene	13.47	166	607934	40.43	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.15	232	130283	47.75	ng	#	94
59) Diethylphthalate	13.37	149	585281	37.86	ng		99
60) 4-Chlorophenyl-phenylether	13.49	204	266616	40.35	ng		91
61) 4-Nitroaniline	13.57	138	133005	41.02	ng		96
62) Azobenzene	13.75	77	559392	45.03	ng		94
64) 4,6-Dinitro-2-methylphenol	13.63	198	96111	40.46	ng	#	68
65) n-Nitrosodiphenylamine	13.70	169	504412	39.22	ng		100
66) 4-Bromophenyl-phenylether	14.28	248	147596	39.42	ng		96
67) Hexachlorobenzene	14.36	284	148059	38.59	ng	#	87
68) Atrazine	14.62	200	151418	41.69	ng		96
69) Pentachlorophenol	14.71	266	61013	38.45	ng		100
70) Phenanthrene	15.01	178	822063	40.37	ng		98
71) Anthracene	15.09	178	856954	41.20	ng		98
72) Carbazole	15.37	167	775736	40.99	ng		98
73) Di-n-butylphthalate	15.95	149	937770	39.73	ng		98
74) Fluoranthene	16.75	202	832527	39.86	ng		99
76) Benzidine	16.97	184	315910	44.62	ng	#	93
77) Pyrene	17.05	202	862666	43.53	ng		99
79) Butylbenzylphthalate	17.96	149	398545	43.24	ng		88
80) Benzo(a)anthracene	18.63	228	626446	40.62	ng		97
81) 3,3'-Dichlorobenzidine	18.61	252	208732	39.19	ng	#	98
82) Chrysene	18.67	228	584564	39.20	ng		99
83) Bis(2-ethylhexyl)phthalate	18.71	149	520345	39.62	ng	#	99
84) Di-n-octyl phthalate	19.47	149	898558	41.73	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	508794	42.02	ng		100
87) Benzo(b)fluoranthene	19.89	252	605271	42.96	ng		98
88) Benzo(k)fluoranthene	19.93	252	552155m	40.63	ng		
89) Benzo(a)pyrene	20.25	252	548591	42.20	ng		99
90) Dibenzo(a,h)anthracene	21.60	278	430710	40.12	ng		98
91) Benzo(g,h,i)perylene	21.96	276	410834	39.00	ng		95

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

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