Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094983.D
Acq On : 8 May 2017 16:43
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

Quant Time: May 08 17:14:36 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	7.71	152	98851	20.00	ng		-0.02
21) Naphthalene-d8	9.74	136	409481	20.00	ng		-0.02
38) Acenaphthene-d10	12.57	164	200316	20.00	ng		-0.02
63) Phenanthrene-d10	14.97	188	350728	20.00	ng		-0.02
75) Chrysene-d12	18.64	240	297545	20.00	ng		-0.01
86) Perylene-d12	20.30	264	243682	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	485062	81.81	ng		-0.02
7) Phenol-d6	7.25	99	579557	81.47	ng		-0.02
23) Nitrobenzene-d5	8.62	82	520052	80.09	ng		-0.02
41) 2,4,6-Tribromophenol	13.86	330	134999	82.29	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	1049195	75.39	ng		-0.02
78) Terphenyl-d14	17.29	244	945815	70.01	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	126961	43.66	ng		92
3) Pyridine	2.74	79	312397	46.35	ng		97
4) n-Nitrosodimethylamine	2.68	42	117798	41.93	ng		81
6) Aniline	7.21	93	372210	41.44	ng		97
8) 2-Chlorophenol	7.40	128	274290	40.64	ng		94
9) Benzaldehyde	7.02	77	164595	37.89	ng		98
10) Phenol	7.27	94	298758	39.85	ng		89
11) bis(2-Chloroethyl)ether	7.35	93	249286	40.28	ng		95
12) 1,3-Dichlorobenzene	7.62	146	309709	40.46	ng		98
13) 1,4-Dichlorobenzene	7.74	146	314579	40.52	ng		96
14) 1,2-Dichlorobenzene	7.98	146	297735	41.09	ng		96
15) Benzyl Alcohol	8.00	79	193934	42.38	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	338133	38.60	ng	#	46
17) 2-Methylphenol	8.21	107	227726	41.23	ng	#	90
18) Hexachloroethane	8.50	117	105625	40.16	ng	#	85
19) n-Nitroso-di-n-propylamine	8.42	70	194734	40.47	ng		93
20) 3+4-Methylphenols	8.47	107	305699	40.73	ng	#	60
22) Acetophenone	8.39	105	391017	39.80	ng	#	84
24) Nitrobenzene	8.65	77	272480	40.03	ng		93
25) Isophorone	9.05	82	464310	40.04	ng		96
26) 2-Nitrophenol	9.15	139	155281	42.28	ng		98
27) 2,4-Dimethylphenol	9.29	122	238447	40.16	ng		98
28) bis(2-Chloroethoxy)methane	9.41	93	318987	39.77	ng		99
29) 2,4-Dichlorophenol	9.57	162	225823	40.28	ng		97
30) 1,2,4-Trichlorobenzene	9.67	180	237414	39.52	ng		99
31) Naphthalene	9.77	128	822460	39.96	ng		100
32) Benzoic acid	9.61	122	139414	37.05	ng		96
33) 4-Chloroaniline	9.90	127	334895	43.67	ng	#	93
34) Hexachlorobutadiene	9.99	225	123690	39.02	ng		97
35) Caprolactam	10.53	113	73772m	43.82	ng		
36) 4-Chloro-3-methylphenol	10.76	107	250783	41.83	ng		89
37) 2-Methylnaphthalene	10.90	142	557106	41.25	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	232426	37.73	ng		99
40) Hexachlorocyclopentadiene	11.15	237	74679	32.71	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	154775	37.63	ng		100
43) 2,4,5-Trichlorophenol	11.47	196	168602	38.14	ng		94
45) 1,1'-Biphenyl	11.67	154	669614	39.70	ng		99
46) 2-Chloronaphthalene	11.68	162	534979	39.28	ng		94
47) 2-Nitroaniline	11.89	65	153160	41.09	ng	#	77
48) Acenaphthylene	12.34	152	843661	39.55	ng		99
49) Dimethylphthalate	12.21	163	642930	39.10	ng		99
50) 2,6-Dinitrotoluene	12.30	165	137057	40.85	ng		96
51) Acenaphthene	12.62	154	503681	39.53	ng		99
52) 3-Nitroaniline	12.57	138	153227	42.55	ng		90
53) 2,4-Dinitrophenol	12.77	184	65825	39.09	ng	#	68
54) Dibenzofuran	12.91	168	717348	40.69	ng		97
55) 4-Nitrophenol	12.96	139	90771	41.97	ng	#	65
56) 2,4-Dinitrotoluene	12.97	165	175654	40.75	ng	#	90
57) Fluorene	13.46	166	593473	38.71	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.14	232	117337	42.17	ng	#	94
59) Diethylphthalate	13.36	149	602008	38.19	ng		98
60) 4-Chlorophenyl-phenylether	13.48	204	263326	39.08	ng		92
61) 4-Nitroaniline	13.57	138	131478	39.77	ng		97
62) Azobenzene	13.74	77	509468	40.22	ng		96
64) 4,6-Dinitro-2-methylphenol	13.63	198	98853	42.04	ng	#	65
65) n-Nitrosodiphenylamine	13.70	169	499358	39.23	ng		99
66) 4-Bromophenyl-phenylether	14.27	248	147572	39.83	ng		98
67) Hexachlorobenzene	14.35	284	152254	40.09	ng	#	88
68) Atrazine	14.61	200	144230	40.13	ng		96
69) Pentachlorophenol	14.71	266	62631	39.67	ng		97
70) Phenanthrene	15.01	178	796587	39.53	ng		99
71) Anthracene	15.09	178	842867	40.95	ng		99
72) Carbazole	15.37	167	776834	41.48	ng		98
73) Di-n-butylphthalate	15.94	149	961856	41.18	ng		99
74) Fluoranthene	16.75	202	835658	40.43	ng		99
76) Benzidine	16.97	184	310865	39.92	ng		95
77) Pyrene	17.05	202	878888	39.50	ng		99
79) Butylbenzylphthalate	17.95	149	397806	38.43	ng		88
80) Benzo(a)anthracene	18.62	228	661904	38.22	ng		98
81) 3,3'-Dichlorobenzidine	18.61	252	226165	37.81	ng	#	97
82) Chrysene	18.68	228	676497	40.40	ng		99
83) Bis(2-ethylhexyl)phthalate	18.70	149	545961	37.02	ng	#	99
84) Di-n-octyl phthalate	19.47	149	890633	36.84	ng		95
85) Indeno(1,2,3-cd)pyrene	21.59	276	483604	35.56	ng		99
87) Benzo(b)fluoranthene	19.89	252	617828	41.03	ng		98
88) Benzo(k)fluoranthene	19.93	252	576474m	39.69	ng		
89) Benzo(a)pyrene	20.25	252	564095	40.60	ng		99
90) Dibenzo(a,h)anthracene	21.60	278	425341	37.07	ng		98
91) Benzo(g,h,i)perylene	21.97	276	405331	36.00	ng		97

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

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