Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094897.D
Acq On : 5 May 2017 4:08
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/5/2017 5:23:39 PM

Quant Time: May 05 06:54:44 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	95104	20.00	ng		-0.01
21) Naphthalene-d8	9.74	136	395983	20.00	ng		-0.01
38) Acenaphthene-d10	12.57	164	173676	20.00	ng		-0.01
63) Phenanthrene-d10	14.97	188	302486	20.00	ng		-0.01
75) Chrysene-d12	18.64	240	206230	20.00	ng		-0.01
86) Perylene-d12	20.30	264	197589	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	482643	84.61	ng		-0.02
7) Phenol-d6	7.26	99	588871	86.04	ng		-0.02
23) Nitrobenzene-d5	8.62	82	477731	76.08	ng		-0.01
41) 2,4,6-Tribromophenol	13.87	330	117356	82.51	ng		-0.01
44) 2-Fluorobiphenyl	11.52	172	958831	79.46	ng		-0.01
78) Terphenyl-d14	17.30	244	738732	78.90	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.05	88	137912	49.30	ng		94
3) Pyridine	2.71	79	270580	41.73	ng		98
4) n-Nitrosodimethylamine	2.65	42	111389	41.21	ng		87
6) Aniline	7.22	93	389688	45.10	ng		96
8) 2-Chlorophenol	7.41	128	282059	43.44	ng		94
9) Benzaldehyde	7.02	77	179199	42.88	ng		96
10) Phenol	7.28	94	316180	43.84	ng		87
11) bis(2-Chloroethyl)ether	7.35	93	226731	38.08	ng		96
12) 1,3-Dichlorobenzene	7.62	146	301493	40.94	ng		97
13) 1,4-Dichlorobenzene	7.75	146	310078	41.51	ng		97
14) 1,2-Dichlorobenzene	7.98	146	279662	40.11	ng		96
15) Benzyl Alcohol	8.00	79	212982	48.38	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	320662	38.05	ng		61
17) 2-Methylphenol	8.21	107	222914	41.95	ng	#	86
18) Hexachloroethane	8.50	117	94354	37.29	ng	#	86
19) n-Nitroso-di-n-propylamine	8.43	70	190086	41.06	ng		93
20) 3+4-Methylphenols	8.47	107	299110	41.43	ng	#	59
22) Acetophenone	8.39	105	393622	41.43	ng	#	85
24) Nitrobenzene	8.65	77	250217	38.01	ng		95
25) Isophorone	9.05	82	479911	42.80	ng		95
26) 2-Nitrophenol	9.15	139	149252	42.02	ng		95
27) 2,4-Dimethylphenol	9.30	122	238506	41.53	ng		98
28) bis(2-Chloroethoxy)methane	9.42	93	303905	39.18	ng		99
29) 2,4-Dichlorophenol	9.57	162	228357	42.12	ng		97
30) 1,2,4-Trichlorobenzene	9.67	180	231667	39.88	ng		99
31) Naphthalene	9.78	128	781099	39.25	ng		100
32) Benzoic acid	9.60	122	136679	37.50	ng		95
33) 4-Chloroaniline	9.91	127	330382	44.55	ng	#	93
34) Hexachlorobutadiene	10.00	225	115937	37.83	ng		98
35) Caprolactam	10.53	113	68866m	42.30	ng		
36) 4-Chloro-3-methylphenol	10.77	107	243037	41.92	ng		89
37) 2-Methylnaphthalene	10.90	142	563867	43.17	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	221448	41.46	ng		99
40) Hexachlorocyclopentadiene	11.16	237	19795	14.20	ng		97

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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	11.40	196	140416	39.38	ng		98
43) 2,4,5-Trichlorophenol	11.48	196	142449	37.17	ng	#	90
45) 1,1'-Biphenyl	11.67	154	598613	40.94	ng		98
46) 2-Chloronaphthalene	11.68	162	468672	39.69	ng		95
47) 2-Nitroaniline	11.89	65	132847	41.11	ng	#	85
48) Acenaphthylene	12.34	152	748727	40.49	ng		99
49) Dimethylphthalate	12.21	163	555432	38.96	ng		99
50) 2,6-Dinitrotoluene	12.31	165	122250	42.03	ng		98
51) Acenaphthene	12.62	154	451669	40.89	ng		99
52) 3-Nitroaniline	12.57	138	133973	42.91	ng		91
53) 2,4-Dinitrophenol	12.78	184	20655	18.13	ng	#	68
54) Dibenzofuran	12.91	168	682998	44.68	ng		98
55) 4-Nitrophenol	12.96	139	79009	42.14	ng	#	71
56) 2,4-Dinitrotoluene	12.97	165	159800	42.75	ng	#	89
57) Fluorene	13.47	166	538185	40.49	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	108989	45.18	ng		97
59) Diethylphthalate	13.37	149	530046	38.79	ng		99
60) 4-Chlorophenyl-phenylether	13.49	204	240324	41.14	ng		90
61) 4-Nitroaniline	13.57	138	129744	45.27	ng		96
62) Azobenzene	13.75	77	476956	43.43	ng		95
64) 4,6-Dinitro-2-methylphenol	13.63	198	41250	20.34	ng	#	72
65) n-Nitrosodiphenylamine	13.70	169	457475	41.67	ng		99
66) 4-Bromophenyl-phenylether	14.28	248	131117	41.03	ng		98
67) Hexachlorobenzene	14.36	284	127376	38.89	ng	#	84
68) Atrazine	14.62	200	126383	40.77	ng		97
69) Pentachlorophenol	14.71	266	63522	45.62	ng		99
70) Phenanthrene	15.01	178	708008	40.74	ng		97
71) Anthracene	15.09	178	734317	41.36	ng		98
72) Carbazole	15.37	167	661623	40.96	ng		97
73) Di-n-butylphthalate	15.94	149	806188	40.02	ng		99
74) Fluoranthene	16.75	202	652253	36.59	ng		99
76) Benzidine	16.97	184	246940	44.79	ng	#	94
77) Pyrene	17.05	202	644657	41.80	ng		99
79) Butylbenzylphthalate	17.96	149	296335	41.31	ng		92
80) Benzo(a)anthracene	18.62	228	485181	40.42	ng		98
81) 3,3'-Dichlorobenzidine	18.61	252	168971	40.76	ng	#	98
82) Chrysene	18.67	228	463219	39.91	ng		99
83) Bis(2-ethylhexyl)phthalate	18.71	149	417646	40.86	ng	#	99
84) Di-n-octyl phthalate	19.47	149	682166	40.71	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	437134	46.38	ng		99
87) Benzo(b)fluoranthene	19.89	252	508550	41.65	ng		98
88) Benzo(k)fluoranthene	19.92	252	462698	39.29	ng		96
89) Benzo(a)pyrene	20.25	252	453716	40.27	ng		100
90) Dibenzo(a,h)anthracene	21.60	278	366444	39.38	ng		99
91) Benzo(g,h,i)perylene	21.96	276	351749	38.52	ng		95

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

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