Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050517\
Data File : BF094943.D
Acq On : 6 May 2017 5:20
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/8/2017 2:48:40 PM

Quant Time: May 06 06:43:27 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	92202	20.00	ng		-0.01
21) Naphthalene-d8	9.74	136	386389	20.00	ng		-0.01
38) Acenaphthene-d10	12.57	164	176840	20.00	ng		-0.01
63) Phenanthrene-d10	14.97	188	304442	20.00	ng		-0.01
75) Chrysene-d12	18.64	240	234975	20.00	ng		-0.01
86) Perylene-d12	20.31	264	183903	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	454479	82.18	ng		-0.02
7) Phenol-d6	7.26	99	557526	84.02	ng		-0.02
23) Nitrobenzene-d5	8.62	82	498171	81.30	ng		-0.01
41) 2,4,6-Tribromophenol	13.87	330	119586	82.57	ng		-0.02
44) 2-Fluorobiphenyl	11.52	172	1003190	81.65	ng		-0.01
78) Terphenyl-d14	17.30	244	824335	77.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	133655	49.28	ng		96
3) Pyridine	2.73	79	252952	40.24	ng		98
4) n-Nitrosodimethylamine	2.67	42	100501	38.36	ng		88
6) Aniline	7.22	93	360206	43.00	ng		97
8) 2-Chlorophenol	7.41	128	269536	42.82	ng		96
9) Benzaldehyde	7.03	77	171034	42.21	ng		97
10) Phenol	7.28	94	293464	41.97	ng		89
11) bis(2-Chloroethyl)ether	7.35	93	244624	42.38	ng		95
12) 1,3-Dichlorobenzene	7.62	146	300590	42.10	ng		98
13) 1,4-Dichlorobenzene	7.75	146	294423	40.66	ng		97
14) 1,2-Dichlorobenzene	7.98	146	280897	41.56	ng		97
15) Benzyl Alcohol	8.00	79	205790	48.22	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.21	45	313514	38.37	ng	#	48
17) 2-Methylphenol	8.21	107	212152	41.18	ng	#	89
18) Hexachloroethane	8.50	117	100841	41.11	ng	#	88
19) n-Nitroso-di-n-propylamine	8.42	70	187603	41.80	ng		96
20) 3+4-Methylphenols	8.47	107	291395	41.63	ng	#	60
22) Acetophenone	8.39	105	380724	41.07	ng	#	85
24) Nitrobenzene	8.65	77	263562	41.04	ng		94
25) Isophorone	9.05	82	495836	45.32	ng		95
26) 2-Nitrophenol	9.15	139	152672	44.05	ng		96
27) 2,4-Dimethylphenol	9.30	122	242726	43.32	ng		98
28) bis(2-Chloroethoxy)methane	9.42	93	312771	41.32	ng		100
29) 2,4-Dichlorophenol	9.57	162	216903	41.00	ng		99
30) 1,2,4-Trichlorobenzene	9.67	180	226018	39.88	ng		98
31) Naphthalene	9.78	128	775181	39.92	ng		99
32) Benzoic acid	9.61	122	136382	38.23	ng		94
33) 4-Chloroaniline	9.91	127	313944	43.38	ng	#	93
34) Hexachlorobutadiene	10.00	225	117947	39.44	ng		97
35) Caprolactam	10.53	113	68802m	43.31	ng		
36) 4-Chloro-3-methylphenol	10.76	107	239601	42.36	ng		88
37) 2-Methylnaphthalene	10.90	142	529701	41.56	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	221018	40.64	ng		99
40) Hexachlorocyclopentadiene	11.15	237	73977	35.96	ng		98

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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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	152057	41.88	ng		97
43) 2,4,5-Trichlorophenol	11.48	196	150842	38.65	ng		93
45) 1,1'-Biphenyl	11.67	154	613848	41.23	ng		97
46) 2-Chloronaphthalene	11.68	162	475718	39.57	ng		96
47) 2-Nitroaniline	11.90	65	132091	40.14	ng	#	79
48) Acenaphthylene	12.34	152	771504	40.97	ng		98
49) Dimethylphthalate	12.21	163	561264	38.66	ng		100
50) 2,6-Dinitrotoluene	12.31	165	121504	41.02	ng		97
51) Acenaphthene	12.62	154	437057	38.86	ng		98
52) 3-Nitroaniline	12.57	138	123688	38.91	ng		92
53) 2,4-Dinitrophenol	12.78	184	48156	33.46	ng	#	70
54) Dibenzofuran	12.91	168	689347	44.29	ng		97
55) 4-Nitrophenol	12.97	139	67171	35.18	ng	#	62
56) 2,4-Dinitrotoluene	12.97	165	162506	42.70	ng	#	91
57) Fluorene	13.47	166	533963	39.45	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.15	232	110368	44.94	ng	#	97
59) Diethylphthalate	13.36	149	531949	38.23	ng		99
60) 4-Chlorophenyl-phenylether	13.49	204	236008	39.68	ng		89
61) 4-Nitroaniline	13.57	138	115902	39.72	ng		95
62) Azobenzene	13.75	77	501730	44.87	ng		95
64) 4,6-Dinitro-2-methylphenol	13.63	198	78180	38.31	ng	#	69
65) n-Nitrosodiphenylamine	13.70	169	453157	41.01	ng		99
66) 4-Bromophenyl-phenylether	14.28	248	122691	38.15	ng		99
67) Hexachlorobenzene	14.36	284	123622	37.50	ng	#	88
68) Atrazine	14.62	200	125628	40.27	ng		96
69) Pentachlorophenol	14.71	266	49408	36.58	ng		93
70) Phenanthrene	15.01	178	711806	40.69	ng		98
71) Anthracene	15.09	178	750939	42.03	ng		98
72) Carbazole	15.37	167	692309	42.58	ng		98
73) Di-n-butylphthalate	15.94	149	843896	41.62	ng		99
74) Fluoranthene	16.75	202	715061	39.85	ng		98
76) Benzidine	16.97	184	156992	27.90	ng		96
77) Pyrene	17.05	202	732112	41.66	ng		100
79) Butylbenzylphthalate	17.96	149	345679	42.29	ng		91
80) Benzo(a)anthracene	18.63	228	558722	40.86	ng		97
81) 3,3'-Dichlorobenzidine	18.61	252	174431	36.93	ng	#	97
82) Chrysene	18.67	228	533416	40.34	ng		98
83) Bis(2-ethylhexyl)phthalate	18.70	149	493335	42.36	ng		100
84) Di-n-octyl phthalate	19.47	149	766366	40.14	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	479069	44.61	ng		99
87) Benzo(b)fluoranthene	19.89	252	466305	41.03	ng		98
88) Benzo(k)fluoranthene	19.92	252	440533	40.19	ng		97
89) Benzo(a)pyrene	20.25	252	437833	41.75	ng		99
90) Dibenzo(a,h)anthracene	21.60	278	398486	46.01	ng		98
91) Benzo(g,h,i)perylene	21.97	276	410767	48.34	ng		99

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

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