Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087976.D
Acq On : 13 Jun 2016 11:39
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
6/14/2016 7:46:16 PM

Quant Time: Jun 13 14:32:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	100812	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	419336	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	212083	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	372792	20.00	ng		0.00
75) Chrysene-d12	13.95	240	315891	20.00	ng		0.00
86) Perylene-d12	15.36	264	261019	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	476411	80.79	ng		0.00
7) Phenol-d6	6.43	99	596623	83.48	ng		0.00
23) Nitrobenzene-d5	7.36	82	558339	77.75	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	156025	69.67	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	975997	71.41	ng		0.00
78) Terphenyl-d14	12.90	244	839485	60.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	109072	38.07	ng	#	37
3) Pyridine	3.03	79	272459	40.27	ng		94
4) n-Nitrosodimethylamine	2.97	42	110155	38.45	ng		87
6) Aniline	6.46	93	417007	40.99	ng		100
8) 2-Chlorophenol	6.58	128	270401	38.74	ng	#	79
9) Benzaldehyde	6.33	77	140938	27.75	ng		87
10) Phenol	6.44	94	360080	49.02	ng		80
11) bis(2-Chloroethyl)ether	6.54	93	276918	44.19	ng		85
12) 1,3-Dichlorobenzene	6.73	146	283255	37.82	ng		99
13) 1,4-Dichlorobenzene	6.81	146	299974	39.76	ng		99
14) 1,2-Dichlorobenzene	6.97	146	261392	38.10	ng		98
15) Benzyl Alcohol	6.94	79	208251	37.25	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	348210	41.13	ng		90
17) 2-Methylphenol	7.06	107	239497	42.31	ng		95
18) Hexachloroethane	7.31	117	103765	38.76	ng	#	89
19) n-Nitroso-di-n-propylamine	7.22	70	196718	43.03	ng	#	84
20) 3+4-Methylphenols	7.21	107	250306	37.90	ng	#	69
22) Acetophenone	7.21	105	362406	38.67	ng	#	92
24) Nitrobenzene	7.38	77	289630	41.64	ng		91
25) Isophorone	7.62	82	525677	39.52	ng		98
26) 2-Nitrophenol	7.70	139	167075	44.84	ng	#	78
27) 2,4-Dimethylphenol	7.75	122	286170	41.71	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	341505	41.39	ng		98
29) 2,4-Dichlorophenol	7.94	162	229399	40.05	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	230554	36.96	ng		98
31) Naphthalene	8.10	128	745660	35.93	ng		100
32) Benzoic acid	7.87	122	182103	48.20	ng		94
33) 4-Chloroaniline	8.16	127	388448	41.92	ng	#	93
34) Hexachlorobutadiene	8.23	225	129640	39.41	ng		98
35) Caprolactam	8.54	113	74218	39.12	ng		93
36) 4-Chloro-3-methylphenol	8.64	107	236719	38.64	ng		95
37) 2-Methylnaphthalene	8.80	142	556167	40.66	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	211815	35.86	ng	#	1
40) Hexachlorocyclopentadiene	8.95	237	116676	34.11	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	153025	36.08	ng		97
43) 2,4,5-Trichlorophenol	9.12	196	173814	39.39	ng		97
45) 1,1'-Biphenyl	9.27	154	688662	42.98	ng		96
46) 2-Chloronaphthalene	9.29	162	525662	38.30	ng	#	92
47) 2-Nitroaniline	9.38	65	153950	38.03	ng		90
48) Acenaphthylene	9.70	152	849765	38.93	ng		100
49) Dimethylphthalate	9.56	163	557973	36.32	ng		99
50) 2,6-Dinitrotoluene	9.62	165	130773	37.17	ng	#	54
51) Acenaphthene	9.87	154	528869	38.84	ng		99
52) 3-Nitroaniline	9.79	138	145846	35.92	ng		95
53) 2,4-Dinitrophenol	9.90	184	61978	38.03	ng		98
54) Dibenzofuran	10.04	168	740514	39.48	ng		94
55) 4-Nitrophenol	9.95	139	116599	37.00	ng		96
56) 2,4-Dinitrotoluene	10.03	165	186451	41.24	ng		93
57) Fluorene	10.39	166	562309	44.29	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	129270	37.28	ng	#	52
59) Diethylphthalate	10.26	149	558680	35.93	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	210756	33.79	ng		95
61) 4-Nitroaniline	10.41	138	162683	42.25	ng		95
62) Azobenzene	10.54	77	565466	36.77	ng		97
64) 4,6-Dinitro-2-methylphenol	10.43	198	85191	37.12	ng		91
65) n-Nitrosodiphenylamine	10.50	169	518459	41.91	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	155643	38.92	ng		93
67) Hexachlorobenzene	10.92	284	157072	37.80	ng	#	90
68) Atrazine	11.03	200	133262	35.58	ng		92
69) Pentachlorophenol	11.12	266	90669	41.39	ng		97
70) Phenanthrene	11.35	178	791721	40.47	ng		98
71) Anthracene	11.39	178	773359	39.19	ng		100
72) Carbazole	11.55	167	824641	44.66	ng		99
73) Di-n-butylphthalate	11.89	149	838428	35.87	ng		100
74) Fluoranthene	12.53	202	756496	36.64	ng		99
76) Benzidine	12.65	184	320762	36.67	ng		98
77) Pyrene	12.75	202	797149	34.01	ng		100
79) Butylbenzylphthalate	13.38	149	413534	39.90	ng		98
80) Benzo(a)anthracene	13.94	228	639417	35.52	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	202572	41.85	ng	#	96
82) Chrysene	13.98	228	626839	37.01	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	458585	36.35	ng		99
84) Di-n-octyl phthalate	14.55	149	854380	41.68	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.72	276	522192	33.19	ng	#	100
87) Benzo(b)fluoranthene	14.96	252	615950	33.86	ng	#	96
88) Benzo(k)fluoranthene	14.98	252	585870m	42.69	ng		
89) Benzo(a)pyrene	15.30	252	568695	38.64	ng		97
90) Dibenzo(a,h)anthracene	16.73	278	432771	31.66	ng		97
91) Benzo(g,h,i)perylene	17.13	276	444421	31.60	ng		96

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

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