Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087319.D
Acq On : 24 May 2016 1:40
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
umangi
5/24/2016 7:39:33 PM

Quant Time: May 24 18:13:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 01:40:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	192171	20.00	ng		0.00
21) Naphthalene-d8	9.64	136	789390	20.00	ng		0.00
38) Acenaphthene-d10	12.48	164	355200	20.00	ng		0.00
63) Phenanthrene-d10	14.88	188	664088	20.00	ng		0.00
75) Chrysene-d12	18.56	240	482986	20.00	ng		0.00
86) Perylene-d12	20.23	264	380612	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	924105	84.50	ng		0.00
7) Phenol-d6	7.16	99	1185859	80.25	ng		0.00
23) Nitrobenzene-d5	8.54	82	1265440	80.79	ng		0.00
41) 2,4,6-Tribromophenol	13.78	330	279408	81.86	ng		0.00
44) 2-Fluorobiphenyl	11.43	172	1940042	77.00	ng		0.00
78) Terphenyl-d14	17.22	244	1891133	83.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	228341	39.57	ng	#	75
3) Pyridine	2.55	79	501054	39.72	ng	#	67
4) n-Nitrosodimethylamine	2.52	42	417253	42.92	ng	#	48
6) Aniline	7.12	93	774197	40.50	ng		94
8) 2-Chlorophenol	7.29	128	544439	39.92	ng		86
9) Benzaldehyde	6.94	77	293028	35.92	ng		98
10) Phenol	7.18	94	569056	35.26	ng		75
11) bis(2-Chloroethyl)ether	7.26	93	525895	40.26	ng		85
12) 1,3-Dichlorobenzene	7.52	146	589963	39.66	ng		96
13) 1,4-Dichlorobenzene	7.64	146	601979	39.42	ng		96
14) 1,2-Dichlorobenzene	7.87	146	550416	38.96	ng		97
15) Benzyl Alcohol	7.91	79	441346	40.96	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.10	45	1152083	39.20	ng		90
17) 2-Methylphenol	8.12	107	431291	39.46	ng	#	89
18) Hexachloroethane	8.39	117	224751	39.45	ng		100
19) n-Nitroso-di-n-propylamine	8.34	70	434737	39.45	ng	#	72
20) 3+4-Methylphenols	8.38	107	546495	41.36	ng	#	59
22) Acetophenone	8.31	105	754979	40.03	ng	#	98
24) Nitrobenzene	8.57	77	671267	40.60	ng		96
25) Isophorone	8.96	82	1127637	40.14	ng		99
26) 2-Nitrophenol	9.07	139	286680	42.42	ng	#	92
27) 2,4-Dimethylphenol	9.21	122	481824	41.07	ng		90
28) bis(2-Chloroethoxy)methane	9.34	93	623298	39.39	ng		98
29) 2,4-Dichlorophenol	9.47	162	433262	40.98	ng		97
30) 1,2,4-Trichlorobenzene	9.58	180	487312	40.26	ng		97
31) Naphthalene	9.68	128	1523317	38.51	ng		99
32) Benzoic acid	9.55	122	224129	38.42	ng	#	78
33) 4-Chloroaniline	9.82	127	562930	38.64	ng	#	90
34) Hexachlorobutadiene	9.90	225	295616	40.18	ng		98
35) Caprolactam	10.49	113	131517m	42.62	ng		
36) 4-Chloro-3-methylphenol	10.68	107	496770	41.56	ng		93
37) 2-Methylnaphthalene	10.81	142	973844	39.41	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.08	216	456152	40.12	ng		99
40) Hexachlorocyclopentadiene	11.05	237	158105	39.25	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.30	196	274587	41.84	ng		96
43) 2,4,5-Trichlorophenol	11.38	196	273457	40.92	ng	#	90
45) 1,1'-Biphenyl	11.58	154	1148431	38.40	ng		96
46) 2-Chloronaphthalene	11.60	162	904416	39.53	ng		97
47) 2-Nitroaniline	11.80	65	344553	41.80	ng	#	77
48) Acenaphthylene	12.25	152	1428039	39.42	ng		99
49) Dimethylphthalate	12.14	163	1140205	40.07	ng		99
50) 2,6-Dinitrotoluene	12.23	165	231499	40.38	ng	#	88
51) Acenaphthene	12.54	154	858820	38.58	ng		98
52) 3-Nitroaniline	12.49	138	231891	39.41	ng	#	78
53) 2,4-Dinitrophenol	12.70	184	108234	40.41	ng		86
54) Dibenzofuran	12.82	168	1169848	38.81	ng		96
55) 4-Nitrophenol	12.87	139	119216	42.47	ng	#	55
56) 2,4-Dinitrotoluene	12.88	165	317830	41.48	ng	#	88
57) Fluorene	13.37	166	1033641	39.54	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.05	232	221609	43.10	ng		99
59) Diethylphthalate	13.28	149	1074148	38.83	ng		99
60) 4-Chlorophenyl-phenylether	13.41	204	512132	40.18	ng		88
61) 4-Nitroaniline	13.51	138	229790	41.84	ng	#	74
62) Azobenzene	13.66	77	1173949	40.91	ng		87
64) 4,6-Dinitro-2-methylphenol	13.55	198	180374	42.72	ng	#	75
65) n-Nitrosodiphenylamine	13.62	169	862979	40.18	ng		100
66) 4-Bromophenyl-phenylether	14.18	248	288192	39.67	ng		95
67) Hexachlorobenzene	14.26	284	302134	39.76	ng	#	83
68) Atrazine	14.54	200	276286	40.36	ng		94
69) Pentachlorophenol	14.62	266	86302	39.90	ng		96
70) Phenanthrene	14.93	178	1433634	38.97	ng		100
71) Anthracene	15.01	178	1452790	39.10	ng		99
72) Carbazole	15.29	167	1273205	40.17	ng		99
73) Di-n-butylphthalate	15.86	149	1669904	40.74	ng		99
74) Fluoranthene	16.66	202	1435668	38.92	ng		98
76) Benzidine	16.89	184	491481	39.55	ng		99
77) Pyrene	16.97	202	1418539	40.80	ng		100
79) Butylbenzylphthalate	17.87	149	634590	41.16	ng	#	69
80) Benzo(a)anthracene	18.55	228	1068257	38.88	ng		99
81) 3,3'-Dichlorobenzidine	18.54	252	604915	39.86	ng		98
82) Chrysene	18.59	228	1061061	38.92	ng		99
83) Bis(2-ethylhexyl)phthalate	18.62	149	926513	41.18	ng	#	96
84) Di-n-octyl phthalate	19.39	149	1457778	42.49	ng	#	87
85) Indeno(1,2,3-cd)pyrene	21.49	276	892044	40.81	ng		95
87) Benzo(b)fluoranthene	19.82	252	841406m	34.70	ng		
88) Benzo(k)fluoranthene	19.85	252	954820m	45.75	ng		
89) Benzo(a)pyrene	20.17	252	841752	40.14	ng		98
90) Dibenzo(a,h)anthracene	21.50	278	748813	41.87	ng	#	95
91) Benzo(g,h,i)perylene	21.85	276	748721	42.43	ng		94

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

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