Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089131.D
Acq On : 20 Jul 2016 13:03
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC025

Quant Time: Jul 20 15:46:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 15:28:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	49118	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	201600	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	100164	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	198083	20.00	ng		0.00
75) Chrysene-d12	13.73	240	152465	20.00	ng		0.00
86) Perylene-d12	15.07	264	125938	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	166221	50.94	ng		0.00
7) Phenol-d6	6.26	99	206916	48.90	ng		-0.01
23) Nitrobenzene-d5	7.18	82	204360	53.12	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	49315	53.92	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	384017	57.72	ng		0.00
78) Terphenyl-d14	12.69	244	320091	47.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	37591	23.52	ng		97
3) Pyridine	2.67	79	88817	19.40	ng		97
4) n-Nitrosodimethylamine	2.63	42	38535	21.79	ng		99
6) Aniline	6.26	93	142697	23.56	ng	#	84
8) 2-Chlorophenol	6.39	128	90762	25.61	ng		86
9) Benzaldehyde	6.15	77	61776	22.11	ng		99
10) Phenol	6.28	94	119754	24.81	ng		96
11) bis(2-Chloroethyl)ether	6.34	93	87348	24.01	ng		90
12) 1,3-Dichlorobenzene	6.54	146	97267	24.98	ng		98
13) 1,4-Dichlorobenzene	6.62	146	100565	26.03	ng		99
14) 1,2-Dichlorobenzene	6.78	146	96976	26.34	ng		98
15) Benzyl Alcohol	6.76	79	77298	24.90	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.89	45	104724	20.71	ng		90
17) 2-Methylphenol	6.89	107	70430	24.62	ng		100
18) Hexachloroethane	7.11	117	36561	24.66	ng		99
19) n-Nitroso-di-n-propylamine	7.03	70	70326	24.32	ng		91
20) 3+4-Methylphenols	7.05	107	97951	27.67	ng		99
22) Acetophenone	7.03	105	137035	27.48	ng	#	93
24) Nitrobenzene	7.19	77	96047	24.38	ng	#	86
25) Isophorone	7.44	82	180433	25.30	ng		98
26) 2-Nitrophenol	7.51	139	47361	28.98	ng		96
27) 2,4-Dimethylphenol	7.56	122	83326	25.61	ng		98
28) bis(2-Chloroethoxy)methane	7.66	93	118824	25.33	ng		100
29) 2,4-Dichlorophenol	7.76	162	76305	28.08	ng		96
30) 1,2,4-Trichlorobenzene	7.84	180	78978	26.63	ng		99
31) Naphthalene	7.91	128	276867	27.78	ng		100
32) Benzoic acid	7.70	122	61192	25.23	ng		91
33) 4-Chloroaniline	7.98	127	114694	25.81	ng		99
34) Hexachlorobutadiene	8.03	225	47233	29.53	ng		97
35) Caprolactam	8.34	113	23779	26.42	ng	#	77
36) 4-Chloro-3-methylphenol	8.47	107	93098	29.15	ng		94
37) 2-Methylnaphthalene	8.60	142	177365	26.91	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	89070	26.73	ng		98
40) Hexachlorocyclopentadiene	8.75	237	21490	13.84	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	53568	24.20	ng		98
43) 2,4,5-Trichlorophenol	8.94	196	52195	27.24	ng		98
45) 1,1'-Biphenyl	9.06	154	224017	27.13	ng		99
46) 2-Chloronaphthalene	9.08	162	179375	27.67	ng		98
47) 2-Nitroaniline	9.19	65	57721	25.54	ng		97
48) Acenaphthylene	9.50	152	293989	28.45	ng		99
49) Dimethylphthalate	9.37	163	189555	25.85	ng		99
50) 2,6-Dinitrotoluene	9.43	165	41562	25.43	ng	#	48
51) Acenaphthene	9.67	154	173128	27.23	ng		100
52) 3-Nitroaniline	9.60	138	48216	24.13	ng	#	72
53) 2,4-Dinitrophenol	9.71	184	15520	21.79	ng	#	86
54) Dibenzofuran	9.84	168	236283	28.36	ng		96
55) 4-Nitrophenol	9.79	139	30720	20.76	ng		94
56) 2,4-Dinitrotoluene	9.84	165	56685	26.93	ng	#	77
57) Fluorene	10.18	166	194081	29.21	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	40910	27.82	ng		98
59) Diethylphthalate	10.07	149	203092	28.29	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	79769	26.22	ng	#	65
61) 4-Nitroaniline	10.22	138	53786	27.44	ng		88
62) Azobenzene	10.33	77	206962	25.40	ng		98
64) 4,6-Dinitro-2-methylphenol	10.24	198	27036	25.32	ng	#	46
65) n-Nitrosodiphenylamine	10.30	169	173654	26.35	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	53009	26.58	ng	#	88
67) Hexachlorobenzene	10.72	284	49410	22.71	ng	#	57
68) Atrazine	10.83	200	54695	26.41	ng		94
69) Pentachlorophenol	10.92	266	24391	19.44	ng		98
70) Phenanthrene	11.13	178	295123	27.34	ng		99
71) Anthracene	11.18	178	275908	25.44	ng		100
72) Carbazole	11.35	167	262789	25.49	ng		99
73) Di-n-butylphthalate	11.68	149	298781	25.36	ng		100
74) Fluoranthene	12.31	202	295134	27.31	ng		97
76) Benzidine	12.45	184	137441	18.78	ng		98
77) Pyrene	12.54	202	312680	24.41	ng		99
79) Butylbenzylphthalate	13.17	149	133903	23.45	ng		96
80) Benzo(a)anthracene	13.71	228	233754	23.96	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	86263	23.36	ng	#	96
82) Chrysene	13.75	228	208281	21.44	ng		100
83) Bis(2-ethylhexyl)phthalate	13.73	149	168727	25.74	ng		98
84) Di-n-octyl phthalate	14.33	149	277224	24.90	ng		99
85) Indeno(1,2,3-cd)pyrene	16.30	276	161693	21.82	ng		100
87) Benzo(b)fluoranthene	14.71	252	192557m	23.20	ng		
88) Benzo(k)fluoranthene	14.73	252	193498m	29.23	ng		
89) Benzo(a)pyrene	15.02	252	176914	26.40	ng		98
90) Dibenzo(a,h)anthracene	16.31	278	140853	25.23	ng	#	96
91) Benzo(g,h,i)perylene	16.66	276	138619	24.11	ng		98

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

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