Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
Data File : BF089592.D
Acq On : 4 Aug 2016 16:52
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
sohil
8/5/2016 6:58:47 PM

Quant Time: Aug 05 01:10:34 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:00:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	39753	20.00	ng		0.00
21) Naphthalene-d8	9.47	136	174380	20.00	ng		0.00
38) Acenaphthene-d10	12.30	164	82481	20.00	ng		0.00
63) Phenanthrene-d10	14.69	188	160237	20.00	ng		-0.01
75) Chrysene-d12	18.39	240	106354	20.00	ng		0.00
86) Perylene-d12	20.05	264	75288	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	119551	50.74	ng		0.01
7) Phenol-d6	6.97	99	166384	52.19	ng		-0.01
23) Nitrobenzene-d5	8.35	82	166388	52.72	ng		-0.01
41) 2,4,6-Tribromophenol	13.59	330	36628	55.45	ng		0.00
44) 2-Fluorobiphenyl	11.26	172	329585	52.13	ng		0.00
78) Terphenyl-d14	17.05	244	275686	52.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.75	88	36833	26.42	ng		91
3) Pyridine	2.32	79	60888	24.32	ng		98
4) n-Nitrosodimethylamine	2.28	42	22868	23.87	ng	#	91
6) Aniline	6.94	93	108500	25.60	ng		96
8) 2-Chlorophenol	7.12	128	76660	26.83	ng		99
9) Benzaldehyde	6.75	77	32384	28.76	ng		96
10) Phenol	6.99	94	89038	27.02	ng		89
11) bis(2-Chloroethyl)ether	7.08	93	75477	26.12	ng		99
12) 1,3-Dichlorobenzene	7.35	146	81966	26.15	ng		98
13) 1,4-Dichlorobenzene	7.47	146	77367	24.71	ng		99
14) 1,2-Dichlorobenzene	7.70	146	84792	26.18	ng		97
15) Benzyl Alcohol	7.72	79	51578	24.82	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.93	45	94023	26.34	ng	#	56
17) 2-Methylphenol	7.94	107	52687	25.16	ng		97
18) Hexachloroethane	8.23	117	33450	25.46	ng		91
19) n-Nitroso-di-n-propylamine	8.16	70	60564	26.96	ng		99
20) 3+4-Methylphenols	8.20	107	67271	24.56	ng		96
22) Acetophenone	8.12	105	94611	22.33	ng		96
24) Nitrobenzene	8.39	77	79390	24.94	ng		94
25) Isophorone	8.78	82	154148	25.72	ng		99
26) 2-Nitrophenol	8.89	139	33858	24.68	ng		98
27) 2,4-Dimethylphenol	9.03	122	63476	25.91	ng		98
28) bis(2-Chloroethoxy)methane	9.16	93	95285	26.55	ng		98
29) 2,4-Dichlorophenol	9.30	162	58816	25.42	ng		99
30) 1,2,4-Trichlorobenzene	9.40	180	68652	26.04	ng		99
31) Naphthalene	9.51	128	237582	25.72	ng		99
32) Benzoic acid	9.31	122	33962	21.01	ng		93
33) 4-Chloroaniline	9.64	127	94137	26.11	ng		97
34) Hexachlorobutadiene	9.72	225	37981	24.85	ng		99
35) Caprolactam	10.25	113	17294	25.49	ng		97
36) 4-Chloro-3-methylphenol	10.49	107	72635	26.87	ng		94
37) 2-Methylnaphthalene	10.63	142	143773	25.39	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.90	216	79813	25.68	ng		100
40) Hexachlorocyclopentadiene	10.89	237	16613	18.42	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.12	196	39686	26.04	ng		99
43) 2,4,5-Trichlorophenol	11.20	196	43452	26.98	ng		97
45) 1,1'-Biphenyl	11.40	154	194115	26.09	ng		99
46) 2-Chloronaphthalene	11.42	162	145965	26.27	ng		97
47) 2-Nitroaniline	11.62	65	45063	25.40	ng		92
48) Acenaphthylene	12.07	152	236907	25.81	ng		99
49) Dimethylphthalate	11.95	163	168770	26.58	ng		100
50) 2,6-Dinitrotoluene	12.03	165	34743	27.27	ng		91
51) Acenaphthene	12.34	154	136627	25.62	ng		98
52) 3-Nitroaniline	12.30	138	40467	26.90	ng	#	83
53) 2,4-Dinitrophenol	12.54	184	8394	18.66	ng	#	78
54) Dibenzofuran	12.64	168	187313	25.80	ng		99
55) 4-Nitrophenol	12.70	139	18413	21.85	ng		85
56) 2,4-Dinitrotoluene	12.70	165	44997	26.07	ng		95
57) Fluorene	13.19	166	166784	27.00	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.87	232	31976	27.57	ng		99
59) Diethylphthalate	13.10	149	171428	26.47	ng		99
60) 4-Chlorophenyl-phenylether	13.22	204	75650	27.13	ng		96
61) 4-Nitroaniline	13.30	138	32527	24.42	ng		96
62) Azobenzene	13.47	77	156089	23.64	ng		94
64) 4,6-Dinitro-2-methylphenol	13.36	198	21263	23.68	ng		89
65) n-Nitrosodiphenylamine	13.43	169	137828	25.30	ng		98
66) 4-Bromophenyl-phenylether	14.00	248	39912	25.49	ng	#	84
67) Hexachlorobenzene	14.07	284	43690	25.81	ng	#	87
68) Atrazine	14.34	200	42943	29.79	ng		98
69) Pentachlorophenol	14.42	266	14365	23.81	ng		92
70) Phenanthrene	14.72	178	222415	25.94	ng		99
71) Anthracene	14.81	178	239445	25.59	ng		99
72) Carbazole	15.10	167	203711	26.73	ng		99
73) Di-n-butylphthalate	15.69	149	270549	27.42	ng		99
74) Fluoranthene	16.49	202	236242	27.00	ng		97
76) Benzidine	16.73	184	87468	29.55	ng		99
77) Pyrene	16.79	202	236039	25.22	ng		99
79) Butylbenzylphthalate	17.71	149	101077	27.97	ng	#	80
80) Benzo(a)anthracene	18.38	228	159831	25.95	ng		97
81) 3,3'-Dichlorobenzidine	18.37	252	51682	26.66	ng		98
82) Chrysene	18.42	228	160105	25.00	ng		99
83) Bis(2-ethylhexyl)phthalate	18.47	149	141297	29.11	ng		100
84) Di-n-octyl phthalate	19.23	149	203505	27.40	ng		99
85) Indeno(1,2,3-cd)pyrene	21.22	276	117231	22.49	ng		100
87) Benzo(b)fluoranthene	19.63	252	125904	27.33	ng	#	96
88) Benzo(k)fluoranthene	19.67	252	116695m	25.49	ng		
89) Benzo(a)pyrene	19.99	252	110551	25.88	ng		99
90) Dibenzo(a,h)anthracene	21.23	278	102456	25.79	ng		98
91) Benzo(g,h,i)perylene	21.55	276	104508	25.15	ng		99

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

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