Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087649.D
Acq On : 4 Jun 2016 3:50
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
SOHIL
6/6/2016 7:17:53 PM

Quant Time: Jun 04 06:07:48 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 05:48:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	116201	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	457754	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	220974	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	394616	20.00	ng		0.00
75) Chrysene-d12	14.02	240	313967	20.00	ng		0.00
86) Perylene-d12	15.44	264	254522	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	670279	100.25	ng		0.00
7) Phenol-d6	6.49	99	826794	92.04	ng		0.00
23) Nitrobenzene-d5	7.43	82	774674	88.05	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	224523	106.29	ng		0.01
44) 2-Fluorobiphenyl	9.23	172	1369204	87.48	ng		0.00
78) Terphenyl-d14	12.97	244	1059920	74.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	170263	48.45	ng	#	28
3) Pyridine	3.20	79	464059	59.32	ng		99
4) n-Nitrosodimethylamine	3.15	42	192220	34.77	ng		99
6) Aniline	6.52	93	596677	51.09	ng		97
8) 2-Chlorophenol	6.65	128	395985	48.39	ng		82
9) Benzaldehyde	6.41	77	297670	56.35	ng		94
10) Phenol	6.50	94	489890	48.56	ng		92
11) bis(2-Chloroethyl)ether	6.60	93	389948	50.24	ng		88
12) 1,3-Dichlorobenzene	6.80	146	395134	44.37	ng		98
13) 1,4-Dichlorobenzene	6.88	146	394749	43.03	ng		98
14) 1,2-Dichlorobenzene	7.04	146	396149	46.64	ng		98
15) Benzyl Alcohol	7.00	79	298317	45.77	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	538760	32.04	ng		94
17) 2-Methylphenol	7.12	107	324391	49.01	ng		97
18) Hexachloroethane	7.38	117	152390	44.70	ng		98
19) n-Nitroso-di-n-propylamine	7.29	70	283905	43.92	ng		91
20) 3+4-Methylphenols	7.28	107	389928	49.48	ng	#	56
22) Acetophenone	7.28	105	492521	45.09	ng	#	91
24) Nitrobenzene	7.45	77	421688	44.97	ng		91
25) Isophorone	7.69	82	703673	44.04	ng		98
26) 2-Nitrophenol	7.77	139	191424	50.05	ng	#	69
27) 2,4-Dimethylphenol	7.80	122	384592	55.49	ng		97
28) bis(2-Chloroethoxy)methane	7.91	93	472794	51.74	ng		99
29) 2,4-Dichlorophenol	8.00	162	313171	51.44	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	318938	45.92	ng		100
31) Naphthalene	8.17	128	1018053	44.52	ng		100
32) Benzoic acid	7.93	122	213459	60.48	ng		97
33) 4-Chloroaniline	8.22	127	438241	51.32	ng		98
34) Hexachlorobutadiene	8.30	225	176203	42.42	ng		98
35) Caprolactam	8.60	113	108695	59.88	ng		97
36) 4-Chloro-3-methylphenol	8.70	107	301731	44.06	ng		96
37) 2-Methylnaphthalene	8.87	142	746904	52.01	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	271603	39.14	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	168948	69.67	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	225476	54.61	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	226836	53.89	ng	#	96
45) 1,1'-Biphenyl	9.32	154	824282	44.73	ng		98
46) 2-Chloronaphthalene	9.35	162	647151	45.94	ng		99
47) 2-Nitroaniline	9.44	65	194929	39.69	ng		96
48) Acenaphthylene	9.77	152	1132169	50.33	ng		99
49) Dimethylphthalate	9.63	163	698343	39.68	ng		99
50) 2,6-Dinitrotoluene	9.69	165	179823	49.57	ng	#	72
51) Acenaphthene	9.94	154	704916	50.38	ng		99
52) 3-Nitroaniline	9.86	138	221961	60.60	ng	#	75
53) 2,4-Dinitrophenol	9.95	184	73228	48.45	ng	#	81
54) Dibenzofuran	10.11	168	985227	51.76	ng		94
55) 4-Nitrophenol	10.01	139	193529	99.00	ng	#	74
56) 2,4-Dinitrotoluene	10.09	165	238385	49.65	ng	#	73
57) Fluorene	10.46	166	726972	45.60	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	185556	57.64	ng	#	55
59) Diethylphthalate	10.33	149	731879	42.91	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	273378	35.55	ng		94
61) 4-Nitroaniline	10.47	138	184016	52.44	ng		94
62) Azobenzene	10.60	77	787996	45.30	ng		97
64) 4,6-Dinitro-2-methylphenol	10.50	198	109090	45.35	ng	#	48
65) n-Nitrosodiphenylamine	10.57	169	660696	52.09	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	200436	46.62	ng	#	93
67) Hexachlorobenzene	10.99	284	199191	44.71	ng		95
68) Atrazine	11.10	200	214687	53.05	ng		94
69) Pentachlorophenol	11.19	266	139688	96.47	ng		99
70) Phenanthrene	11.42	178	1034524	47.92	ng		99
71) Anthracene	11.46	178	996049	44.85	ng		100
72) Carbazole	11.61	167	931797	49.42	ng		100
73) Di-n-butylphthalate	11.95	149	1025312	42.70	ng		99
74) Fluoranthene	12.59	202	997333	45.73	ng		98
76) Benzidine	12.72	184	643818	71.82	ng		100
77) Pyrene	12.82	202	1011701	44.86	ng		99
79) Butylbenzylphthalate	13.45	149	490151	49.23	ng		96
80) Benzo(a)anthracene	14.01	228	842216	47.08	ng		100
81) 3,3'-Dichlorobenzidine	13.98	252	285523	30.74	ng	#	97
82) Chrysene	14.05	228	797237	44.74	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	545854	38.44	ng		99
84) Di-n-octyl phthalate	14.63	149	1032696	47.10	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	734167	51.37	ng	#	100
87) Benzo(b)fluoranthene	15.04	252	797744	49.41	ng		98
88) Benzo(k)fluoranthene	15.06	252	651498m	46.13	ng		
89) Benzo(a)pyrene	15.38	252	692655	49.15	ng		99
90) Dibenzo(a,h)anthracene	16.86	278	606544	50.72	ng		99
91) Benzo(g,h,i)perylene	17.27	276	618870	52.28	ng		95

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

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