Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087100.D
Acq On : 17 May 2016 13:41
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
sohil
5/18/2016 6:56:30 PM

Quant Time: May 17 14:59:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 14:49:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	150809	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	646501	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	296864	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	561648	20.00	ng		0.00
75) Chrysene-d12	13.75	240	418311	20.00	ng		0.00
86) Perylene-d12	15.10	264	363652	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	884061	99.28	ng		0.00
7) Phenol-d6	6.27	99	1175056	98.73	ng		0.00
23) Nitrobenzene-d5	7.18	82	1188160	92.28	ng		0.00
41) 2,4,6-Tribromophenol	10.43	330	342329	108.92	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	1816548	102.84	ng		0.00
78) Terphenyl-d14	12.70	244	1675261	84.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	228065	52.17	ng	#	73
3) Pyridine	2.65	79	584294	54.67	ng	#	61
4) n-Nitrosodimethylamine	2.63	42	415533	53.62	ng	#	50
6) Aniline	6.26	93	738202	51.28	ng		96
8) 2-Chlorophenol	6.39	128	537029	49.98	ng		91
9) Benzaldehyde	6.14	77	300988	43.67	ng		95
10) Phenol	6.28	94	772373	54.60	ng		84
11) bis(2-Chloroethyl)ether	6.34	93	495943	44.96	ng		84
12) 1,3-Dichlorobenzene	6.54	146	585292	50.33	ng		98
13) 1,4-Dichlorobenzene	6.62	146	577823	48.73	ng		98
14) 1,2-Dichlorobenzene	6.76	146	467133	45.20	ng		95
15) Benzyl Alcohol	6.76	79	458663	55.81	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1074940	44.82	ng	#	45
17) 2-Methylphenol	6.89	107	442320	51.73	ng	#	82
18) Hexachloroethane	7.11	117	221534	49.65	ng	#	82
19) n-Nitroso-di-n-propylamine	7.04	70	468579	56.34	ng	#	78
20) 3+4-Methylphenols	7.05	107	595036	53.28	ng	#	59
22) Acetophenone	7.03	105	786646	51.51	ng		98
24) Nitrobenzene	7.20	77	729870	55.11	ng		97
25) Isophorone	7.44	82	1142421	47.82	ng		99
26) 2-Nitrophenol	7.51	139	275574	47.33	ng	#	66
27) 2,4-Dimethylphenol	7.58	122	478305	48.23	ng		96
28) bis(2-Chloroethoxy)methane	7.66	93	682388	52.96	ng		98
29) 2,4-Dichlorophenol	7.76	162	418753	47.97	ng		92
30) 1,2,4-Trichlorobenzene	7.83	180	451546	46.27	ng		96
31) Naphthalene	7.91	128	1472197	45.46	ng		99
32) Benzoic acid	7.75	122	292991	50.30	ng	#	80
33) 4-Chloroaniline	7.98	127	654535	52.02	ng		96
34) Hexachlorobutadiene	8.02	225	252968	44.67	ng		97
35) Caprolactam	8.38	113	144782	48.75	ng	#	52
36) 4-Chloro-3-methylphenol	8.48	107	503576	47.57	ng		89
37) 2-Methylnaphthalene	8.59	142	923481	48.78	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	402706	46.66	ng		97
40) Hexachlorocyclopentadiene	8.75	237	153343	37.43	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	276697	47.94	ng		95
43) 2,4,5-Trichlorophenol	8.94	196	294743	49.38	ng	#	84
45) 1,1'-Biphenyl	9.06	154	1133239	47.99	ng		95
46) 2-Chloronaphthalene	9.08	162	891030	48.16	ng		93
47) 2-Nitroaniline	9.20	65	363337	53.74	ng	#	76
48) Acenaphthylene	9.50	152	1286823	47.29	ng		99
49) Dimethylphthalate	9.38	163	1112849	49.14	ng		100
50) 2,6-Dinitrotoluene	9.45	165	264691	55.53	ng	#	68
51) Acenaphthene	9.67	154	802546	47.41	ng		99
52) 3-Nitroaniline	9.61	138	273838	54.57	ng	#	77
53) 2,4-Dinitrophenol	9.72	184	141227	71.18	ng	#	74
54) Dibenzofuran	9.84	168	1035952	47.68	ng		93
55) 4-Nitrophenol	9.80	139	131375m	44.00	ng		
56) 2,4-Dinitrotoluene	9.85	165	330216	55.98	ng		95
57) Fluorene	10.18	166	835754	45.10	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	233088	51.87	ng		96
59) Diethylphthalate	10.08	149	1117852	50.65	ng		96
60) 4-Chlorophenyl-phenylether	10.18	204	476317	50.53	ng	#	84
61) 4-Nitroaniline	10.24	138	278994	57.89	ng		88
62) Azobenzene	10.34	77	1264473	53.10	ng		88
64) 4,6-Dinitro-2-methylphenol	10.26	198	197191	56.52	ng	#	74
65) n-Nitrosodiphenylamine	10.31	169	902365	52.30	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	261802	45.98	ng		94
67) Hexachlorobenzene	10.73	284	341341	51.29	ng	#	89
68) Atrazine	10.84	200	271362	47.08	ng		96
69) Pentachlorophenol	10.94	266	137264	44.63	ng		96
70) Phenanthrene	11.14	178	1514181	50.52	ng		100
71) Anthracene	11.19	178	1336796	43.61	ng		100
72) Carbazole	11.36	167	1423165	54.01	ng		100
73) Di-n-butylphthalate	11.69	149	1667144	51.81	ng		100
74) Fluoranthene	12.32	202	1440340	46.72	ng		97
76) Benzidine	12.46	184	566991	53.17	ng		99
77) Pyrene	12.55	202	1588855	49.61	ng		99
79) Butylbenzylphthalate	13.18	149	694696	51.28	ng	#	81
80) Benzo(a)anthracene	13.74	228	1163151	49.53	ng		98
81) 3,3'-Dichlorobenzidine	13.71	252	755128	50.61	ng	#	92
82) Chrysene	13.77	228	1161645	48.63	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	807814	49.58	ng		97
84) Di-n-octyl phthalate	14.34	149	1303412	48.29	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.34	276	1005086	50.57	ng		95
87) Benzo(b)fluoranthene	14.73	252	1019481m	43.14	ng		
88) Benzo(k)fluoranthene	14.75	252	1029779m	53.21	ng		
89) Benzo(a)pyrene	15.05	252	985814	48.36	ng	#	97
90) Dibenzo(a,h)anthracene	16.35	278	829204	48.26	ng		96
91) Benzo(g,h,i)perylene	16.72	276	851631	48.78	ng	#	92

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

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