Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF085965.D
Acq On : 1 Apr 2016 16:52
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
4/4/2016 7:31:14 PM

Quant Time: Apr 01 18:41:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 18:28:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	105202	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	419520	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	197983	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	366676	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	317100	20.00	ng		0.00
86) Perylene-d12	15.33	264	276210	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	318359	50.40	ng		0.00
7) Phenol-d6	6.41	99	408043	50.81	ng		-0.01
23) Nitrobenzene-d5	7.34	82	391571	52.56	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	98070	52.14	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	682879	57.63	ng		0.00
78) Terphenyl-d14	12.88	244	708493	45.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	77301	25.63	ng		98
3) Pyridine	3.02	79	157982	21.85	ng		99
4) n-Nitrosodimethylamine	2.96	42	74339	25.68	ng	#	97
6) Aniline	6.43	93	263953	24.42	ng	#	57
8) 2-Chlorophenol	6.56	128	194799	26.54	ng		98
9) Benzaldehyde	6.33	77	111239	22.99	ng		87
10) Phenol	6.43	94	224014	24.62	ng	#	60
11) bis(2-Chloroethyl)ether	6.51	93	177566	25.36	ng		98
12) 1,3-Dichlorobenzene	6.72	146	197432	24.98	ng		98
13) 1,4-Dichlorobenzene	6.80	146	201339	25.12	ng		93
14) 1,2-Dichlorobenzene	6.94	146	195703	26.20	ng		100
15) Benzyl Alcohol	6.92	79	140511	26.22	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	227027	24.44	ng		94
17) 2-Methylphenol	7.04	107	150571	25.63	ng		98
18) Hexachloroethane	7.29	117	72451	24.69	ng		93
19) n-Nitroso-di-n-propylamine	7.20	70	120379	25.03	ng		97
20) 3+4-Methylphenols	7.20	107	188792	26.72	ng	#	83
22) Acetophenone	7.18	105	256706	26.27	ng	#	96
24) Nitrobenzene	7.36	77	188939	24.60	ng		95
25) Isophorone	7.60	82	342737	23.88	ng		97
26) 2-Nitrophenol	7.68	139	93938	24.45	ng	#	78
27) 2,4-Dimethylphenol	7.72	122	173337	25.81	ng		98
28) bis(2-Chloroethoxy)methane	7.81	93	216389	26.46	ng		98
29) 2,4-Dichlorophenol	7.93	162	136707	24.22	ng		95
30) 1,2,4-Trichlorobenzene	8.01	180	157790	25.18	ng	#	95
31) Naphthalene	8.08	128	514378	24.33	ng		99
32) Benzoic acid	7.85	122	116536	26.13	ng		97
33) 4-Chloroaniline	8.13	127	219101	25.39	ng	#	93
34) Hexachlorobutadiene	8.20	225	87420	25.66	ng		99
35) Caprolactam	8.50	113	45646	22.83	ng		99
36) 4-Chloro-3-methylphenol	8.62	107	161077	24.43	ng		93
37) 2-Methylnaphthalene	8.77	142	352875	26.51	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	145326	24.75	ng		99
40) Hexachlorocyclopentadiene	8.92	237	34435	17.75	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	93933	23.69	ng		98
43) 2,4,5-Trichlorophenol	9.09	196	99440	23.91	ng	#	75
45) 1,1'-Biphenyl	9.23	154	419366	25.10	ng		98
46) 2-Chloronaphthalene	9.26	162	315089	25.65	ng		98
47) 2-Nitroaniline	9.36	65	89026	23.70	ng	#	73
48) Acenaphthylene	9.68	152	528589	26.41	ng		98
49) Dimethylphthalate	9.54	163	384606	25.61	ng		99
50) 2,6-Dinitrotoluene	9.61	165	79900	24.71	ng	#	64
51) Acenaphthene	9.85	154	313214	25.62	ng		99
52) 3-Nitroaniline	9.77	138	88947	24.03	ng		82
53) 2,4-Dinitrophenol	9.89	184	32576	23.51	ng	#	75
54) Dibenzofuran	10.02	168	413862	26.15	ng		99
55) 4-Nitrophenol	9.95	139	52443	21.75	ng		96
56) 2,4-Dinitrotoluene	10.01	165	106499	25.92	ng	#	51
57) Fluorene	10.36	166	353838	26.90	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	70285	24.32	ng		99
59) Diethylphthalate	10.24	149	389572	26.25	ng		99
60) 4-Chlorophenyl-phenylether	10.35	204	171367	26.64	ng		97
61) 4-Nitroaniline	10.38	138	98652	27.87	ng		93
62) Azobenzene	10.51	77	388107	27.21	ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	58920	27.44	ng	#	77
65) n-Nitrosodiphenylamine	10.48	169	294331	25.34	ng		97
66) 4-Bromophenyl-phenylether	10.84	248	97898	26.10	ng		93
67) Hexachlorobenzene	10.91	284	102457	26.12	ng		93
68) Atrazine	11.00	200	106867	27.25	ng		99
69) Pentachlorophenol	11.10	266	46286	24.03	ng		97
70) Phenanthrene	11.32	178	517808	27.50	ng		99
71) Anthracene	11.37	178	521712	26.40	ng		99
72) Carbazole	11.53	167	481142	28.99	ng		99
73) Di-n-butylphthalate	11.86	149	607433	26.68	ng		99
74) Fluoranthene	12.50	202	510597	25.51	ng		99
76) Benzidine	12.62	184	294753	26.39	ng		99
77) Pyrene	12.73	202	527463	20.24	ng		99
79) Butylbenzylphthalate	13.35	149	243303	22.29	ng	#	65
80) Benzo(a)anthracene	13.92	228	455494	25.19	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	323369	25.77	ng		100
82) Chrysene	13.95	228	429646	23.59	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	344060	26.32	ng		99
84) Di-n-octyl phthalate	14.52	149	556402	28.63	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	368806	26.22	ng		99
87) Benzo(b)fluoranthene	14.93	252	384006m	22.07	ng		
88) Benzo(k)fluoranthene	14.97	252	426490m	27.19	ng		
89) Benzo(a)pyrene	15.28	252	386636	25.02	ng		99
90) Dibenzo(a,h)anthracene	16.69	278	305978	21.32	ng		98
91) Benzo(g,h,i)perylene	17.09	276	295406	20.32	ng		96

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

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