Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085709.D
Acq On : 24 Mar 2016 11:47
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
3/25/2016 3:04:11 PM

Quant Time: Mar 24 12:20:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 11:42:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	108115	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	427655	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	208971	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	401801	20.00	ng		0.00
75) Chrysene-d12	13.98	240	296856	20.00	ng		0.00
86) Perylene-d12	15.40	264	205230	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	380627	59.13	ng		0.00
7) Phenol-d6	6.46	99	514220	62.29	ng		0.00
23) Nitrobenzene-d5	7.40	82	466137	63.27	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	130515	63.76	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	831033	63.61	ng		0.00
78) Terphenyl-d14	12.93	244	794390	64.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	87214	27.87	ng		99
3) Pyridine	3.11	79	210550	27.40	ng		100
4) n-Nitrosodimethylamine	3.04	42	85717	26.72	ng		100
6) Aniline	6.48	93	321993	29.04	ng		98
8) 2-Chlorophenol	6.61	128	235382	31.61	ng		99
9) Benzaldehyde	6.37	77	144967	34.92	ng		97
10) Phenol	6.47	94	313136	33.30	ng		93
11) bis(2-Chloroethyl)ether	6.56	93	222289	31.36	ng		98
12) 1,3-Dichlorobenzene	6.77	146	243145	29.96	ng		99
13) 1,4-Dichlorobenzene	6.84	146	240540	29.06	ng		99
14) 1,2-Dichlorobenzene	7.00	146	242813	33.04	ng		100
15) Benzyl Alcohol	6.97	79	169591	29.99	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	291386	31.26	ng		99
17) 2-Methylphenol	7.09	107	181657	29.43	ng		96
18) Hexachloroethane	7.34	117	91714	30.69	ng		95
19) n-Nitroso-di-n-propylamine	7.24	70	138064	28.00	ng	#	90
20) 3+4-Methylphenols	7.24	107	220987	30.91	ng	#	89
22) Acetophenone	7.24	105	299733	29.53	ng	#	98
24) Nitrobenzene	7.41	77	232695	28.85	ng		99
25) Isophorone	7.65	82	426388	28.91	ng		100
26) 2-Nitrophenol	7.73	139	121343	30.44	ng		90
27) 2,4-Dimethylphenol	7.77	122	205152	29.11	ng		92
28) bis(2-Chloroethoxy)methane	7.86	93	277729	33.10	ng		99
29) 2,4-Dichlorophenol	7.97	162	176203	30.27	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	188827	28.96	ng	#	93
31) Naphthalene	8.13	128	630732	29.22	ng		99
32) Benzoic acid	7.89	122	148019	25.12	ng		90
33) 4-Chloroaniline	8.18	127	277189	31.33	ng		97
34) Hexachlorobutadiene	8.25	225	108531	31.24	ng		99
35) Caprolactam	8.55	113	58630	29.28	ng		98
36) 4-Chloro-3-methylphenol	8.66	107	202033	29.72	ng		94
37) 2-Methylnaphthalene	8.82	142	430486	32.72	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	182605	28.81	ng		99
40) Hexachlorocyclopentadiene	8.97	237	55288	19.35	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	122168	28.15	ng		99
43) 2,4,5-Trichlorophenol	9.14	196	132864	30.09	ng	#	91
45) 1,1'-Biphenyl	9.29	154	523007	29.01	ng		93
46) 2-Chloronaphthalene	9.32	162	402395	30.56	ng		99
47) 2-Nitroaniline	9.41	65	116772	29.31	ng		89
48) Acenaphthylene	9.73	152	678090	31.82	ng		100
49) Dimethylphthalate	9.59	163	488961	31.01	ng		100
50) 2,6-Dinitrotoluene	9.65	165	96252	28.91	ng		87
51) Acenaphthene	9.90	154	388810	29.07	ng		99
52) 3-Nitroaniline	9.82	138	118078	28.32	ng		99
53) 2,4-Dinitrophenol	9.93	184	42726	20.95	ng	#	70
54) Dibenzofuran	10.07	168	539928	33.15	ng		99
55) 4-Nitrophenol	9.98	139	78842	24.47	ng	#	82
56) 2,4-Dinitrotoluene	10.06	165	145263	33.33	ng		89
57) Fluorene	10.41	166	460851	33.96	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	89740	28.22	ng		98
59) Diethylphthalate	10.29	149	498450	31.79	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	198231	29.91	ng		97
61) 4-Nitroaniline	10.44	138	122077	29.70	ng		94
62) Azobenzene	10.56	77	433312	28.80	ng		98
64) 4,6-Dinitro-2-methylphenol	10.47	198	65997	25.67	ng	#	49
65) n-Nitrosodiphenylamine	10.53	169	379759	30.34	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	126205	31.44	ng		97
67) Hexachlorobenzene	10.96	284	131407	30.81	ng		98
68) Atrazine	11.05	200	140838	36.96	ng		99
69) Pentachlorophenol	11.16	266	65980	25.48	ng		99
70) Phenanthrene	11.37	178	695168	32.81	ng		99
71) Anthracene	11.42	178	631644	28.43	ng		99
72) Carbazole	11.58	167	595007	31.05	ng		100
73) Di-n-butylphthalate	11.91	149	777004	32.38	ng		100
74) Fluoranthene	12.55	202	635550	28.65	ng		99
76) Benzidine	12.68	184	309240	30.98	ng		99
77) Pyrene	12.78	202	649690	30.48	ng		99
79) Butylbenzylphthalate	13.41	149	292815	28.82	ng		98
80) Benzo(a)anthracene	13.97	228	485477	28.17	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	317307	50.24	ng		99
82) Chrysene	14.00	228	459209	27.70	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	355576	28.17	ng		98
84) Di-n-octyl phthalate	14.57	149	537204	26.12	ng		100
85) Indeno(1,2,3-cd)pyrene	16.78	276	353297	25.50	ng		99
87) Benzo(b)fluoranthene	15.00	252	425888m	31.80	ng		
88) Benzo(k)fluoranthene	15.02	252	326001m	29.55	ng		
89) Benzo(a)pyrene	15.34	252	342921	30.21	ng	#	97
90) Dibenzo(a,h)anthracene	16.79	278	297358	31.40	ng		99
91) Benzo(g,h,i)perylene	17.19	276	297054	32.41	ng		97

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

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