Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
Data File : BF078157.D
Acq On : 1 Apr 2015 17:40
Operator : TP/IZ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
apatel
4/2/2015 5:50:37 PM

Quant Time: Apr 02 03:34:00 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 02 02:08:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	35072	20.00	ng		0.00
21) Naphthalene-d8	8.59	136	147320	20.00	ng		0.00
38) Acenaphthene-d10	10.76	164	75766	20.00	ng		0.00
63) Phenanthrene-d10	12.59	188	140820	20.00	ng		0.00
75) Chrysene-d12	15.86	240	142257	20.00	ng		-0.01
86) Perylene-d12	17.55	264	136747	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	109912	54.09	ng		0.00
7) Phenol-d6	6.60	99	138786	55.45	ng		0.00
23) Nitrobenzene-d5	7.71	82	120158	52.54	ng		0.00
41) 2,4,6-Tribromophenol	11.73	330	33266	46.53	ng		-0.01
44) 2-Fluorobiphenyl	9.94	172	261796	50.38	ng		0.00
78) Terphenyl-d14	14.59	244	324853	55.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	22401	24.39	ng		100
3) Pyridine	2.50	79	70648	28.33	ng		97
4) n-Nitrosodimethylamine	2.43	42	27824m	26.66	ng		
6) Aniline	6.60	93	98208	27.38	ng		98
8) 2-Chlorophenol	6.75	128	64779	26.76	ng		99
9) Benzaldehyde	6.46	77	44296	39.23	ng		95
10) Phenol	6.62	94	81477	27.34	ng		100
11) bis(2-Chloroethyl)ether	6.72	93	60644	27.38	ng		96
12) 1,3-Dichlorobenzene	6.93	146	69972	26.13	ng		99
13) 1,4-Dichlorobenzene	7.04	146	71428	25.74	ng		98
14) 1,2-Dichlorobenzene	7.22	146	67969	26.64	ng		99
15) Benzyl Alcohol	7.21	79	48473	25.14	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.39	45	80748	27.08	ng		100
17) 2-Methylphenol	7.37	107	52305	26.79	ng		98
18) Hexachloroethane	7.64	117	23212	25.33	ng		97
19) n-Nitroso-di-n-propylamine	7.54	70	44691	25.81	ng	#	85
20) 3+4-Methylphenols	7.56	107	69057	26.78	ng		98
22) Acetophenone	7.53	105	83745	25.38	ng	#	87
24) Nitrobenzene	7.73	77	62387	25.42	ng	#	77
25) Isophorone	8.04	82	118588	25.87	ng		100
26) 2-Nitrophenol	8.13	139	31579	26.39	ng		97
27) 2,4-Dimethylphenol	8.21	122	57044	26.13	ng		99
28) bis(2-Chloroethoxy)methane	8.33	93	76263	27.18	ng		97
29) 2,4-Dichlorophenol	8.44	162	52866	25.64	ng		96
30) 1,2,4-Trichlorobenzene	8.53	180	58947	25.54	ng		99
31) Naphthalene	8.62	128	197146	25.95	ng		99
32) Benzoic acid	8.33	122	22336	21.62	ng		98
33) 4-Chloroaniline	8.70	127	82301	26.51	ng		99
34) Hexachlorobutadiene	8.78	225	32805	25.05	ng		98
35) Caprolactam	9.12	113	16116	26.47	ng		97
36) 4-Chloro-3-methylphenol	9.32	107	54466	26.06	ng		98
37) 2-Methylnaphthalene	9.48	142	134661	26.41	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	57137	25.05	ng		99
40) Hexachlorocyclopentadiene	9.68	237	19252	20.48	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.84	196	38295	24.67	ng		98
43) 2,4,5-Trichlorophenol	9.88	196	39555	23.56	ng		98
45) 1,1'-Biphenyl	10.06	154	156394	25.74	ng		99
46) 2-Chloronaphthalene	10.08	162	123088	24.97	ng		100
47) 2-Nitroaniline	10.21	65	30124	24.72	ng		97
48) Acenaphthylene	10.59	152	199434	24.37	ng		99
49) Dimethylphthalate	10.45	163	140184	24.87	ng		99
50) 2,6-Dinitrotoluene	10.52	165	29057	24.80	ng	#	41
51) Acenaphthene	10.80	154	112311	24.17	ng		100
52) 3-Nitroaniline	10.73	138	36313	26.67	ng		95
53) 2,4-Dinitrophenol	10.86	184	6198	17.82	ng		99
54) Dibenzofuran	11.01	168	172076	24.85	ng		97
55) 4-Nitrophenol	10.97	139	21794	22.15	ng		95
56) 2,4-Dinitrotoluene	11.02	165	39405	25.70	ng		95
57) Fluorene	11.44	166	140193	24.41	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.17	232	30038	23.34	ng		99
59) Diethylphthalate	11.33	149	139114	25.29	ng		99
60) 4-Chlorophenyl-phenylether	11.45	204	63335	24.12	ng	#	72
61) 4-Nitroaniline	11.48	138	35030	25.66	ng		91
62) Azobenzene	11.64	77	121983	23.73	ng		97
64) 4,6-Dinitro-2-methylphenol	11.52	198	13499	24.49	ng		89
65) n-Nitrosodiphenylamine	11.60	169	121612	25.80	ng		99
66) 4-Bromophenyl-phenylether	12.05	248	37918	25.26	ng		97
67) Hexachlorobenzene	12.11	284	41655	25.22	ng		94
68) Atrazine	12.28	200	36234	27.13	ng		100
69) Pentachlorophenol	12.36	266	13053	18.29	ng		99
70) Phenanthrene	12.62	178	205460	25.29	ng		99
71) Anthracene	12.68	178	207364	25.73	ng		100
72) Carbazole	12.90	167	188123	24.46	ng		99
73) Di-n-butylphthalate	13.36	149	220577	25.62	ng		100
74) Fluoranthene	14.09	202	212830	24.13	ng		97
76) Benzidine	14.28	184	138174	33.10	ng		99
77) Pyrene	14.36	202	230984	26.15	ng		100
79) Butylbenzylphthalate	15.21	149	87758	24.88	ng		94
80) Benzo(a)anthracene	15.85	228	212323	24.87	ng		99
81) 3,3'-Dichlorobenzidine	15.84	252	72713	25.74	ng	#	98
82) Chrysene	15.89	228	204221	26.77	ng		99
83) Bis(2-ethylhexyl)phthalate	15.93	149	138340	25.55	ng	#	96
84) Di-n-octyl phthalate	16.71	149	222299	24.12	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.85	276	229829	24.16	ng	#	87
87) Benzo(b)fluoranthene	17.12	252	248998	28.20	ng	#	97
88) Benzo(k)fluoranthene	17.15	252	157958m	22.08	ng		
89) Benzo(a)pyrene	17.48	252	188285	25.12	ng	#	95
90) Dibenzo(a,h)anthracene	18.88	278	186663	25.08	ng		98
91) Benzo(g,h,i)perylene	19.23	276	187667	24.92	ng		99

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

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