Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061715\
Data File : BF080024.D
Acq On : 17 Jun 2015 13:53
Operator : TP/IZ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
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6/18/2015 4:04:58 PM

Quant Time: Jun 17 16:18:21 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:07:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	45958	20.00	ng		0.00
21) Naphthalene-d8	8.63	136	187048	20.00	ng		0.00
38) Acenaphthene-d10	10.40	164	95936	20.00	ng		0.00
63) Phenanthrene-d10	11.91	188	197394	20.00	ng		0.00
75) Chrysene-d12	14.93	240	213788	20.00	ng		0.00
86) Perylene-d12	16.84	264	204076	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	133604	41.56	ng		0.00
7) Phenol-d6	6.94	99	181489	48.20	ng		0.00
23) Nitrobenzene-d5	7.89	82	155241	51.36	ng		0.00
41) 2,4,6-Tribromophenol	11.19	330	49583	67.98	ng		0.00
44) 2-Fluorobiphenyl	9.70	172	356172	43.86	ng		0.00
78) Terphenyl-d14	13.62	244	476312	44.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	32577	26.18	ng	#	77
3) Pyridine	4.05	79	83143	25.90	ng	#	81
4) n-Nitrosodimethylamine	3.96	42	41580	29.22	ng		97
6) Aniline	7.00	93	117704	25.50	ng		99
8) 2-Chlorophenol	7.12	128	76467	22.30	ng		99
9) Benzaldehyde	6.88	77	54459	44.71	ng	#	79
10) Phenol	6.95	94	98464	24.95	ng		78
11) bis(2-Chloroethyl)ether	7.05	93	81063	26.24	ng		92
12) 1,3-Dichlorobenzene	7.28	146	90754m	24.51	ng		
13) 1,4-Dichlorobenzene	7.36	146	84845	22.29	ng		99
14) 1,2-Dichlorobenzene	7.51	146	86890	24.55	ng		94
15) Benzyl Alcohol	7.46	79	68874	34.19	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	7.60	45	111235	18.81	ng		88
17) 2-Methylphenol	7.57	107	66420	27.64	ng	#	88
18) Hexachloroethane	7.86	117	28254	23.62	ng	#	71
19) n-Nitroso-di-n-propylamine	7.73	70	64630	34.08	ng	#	77
20) 3+4-Methylphenols	7.72	107	85410	26.78	ng		90
22) Acetophenone	7.74	105	108259	23.57	ng	#	81
24) Nitrobenzene	7.91	77	88430	30.55	ng	#	65
25) Isophorone	8.15	82	171576	30.00	ng	#	88
26) 2-Nitrophenol	8.23	139	34219	18.33	ng	#	42
27) 2,4-Dimethylphenol	8.25	122	74464	22.42	ng	#	80
28) bis(2-Chloroethoxy)methane	8.36	93	92160	24.01	ng	#	94
29) 2,4-Dichlorophenol	8.47	162	63751	24.38	ng		91
30) 1,2,4-Trichlorobenzene	8.57	180	70273	24.96	ng		97
31) Naphthalene	8.65	128	245652m	22.73	ng		
32) Benzoic acid	8.31	122	44097	20.25	ng	#	69
33) 4-Chloroaniline	8.69	127	101775m	24.53	ng		
34) Hexachlorobutadiene	8.77	225	45414	38.20	ng		97
35) Caprolactam	9.02	113	20574	21.87	ng		92
36) 4-Chloro-3-methylphenol	9.16	107	74788	31.96	ng	#	83
37) 2-Methylnaphthalene	9.35	142	157688	24.32	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	71469	26.53	ng		98
40) Hexachlorocyclopentadiene	9.51	237	28025	17.85	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.62	196	46994	26.47	ng		94
43) 2,4,5-Trichlorophenol	9.66	196	54057	29.22	ng	#	96
45) 1,1'-Biphenyl	9.81	154	204439	22.00	ng		96
46) 2-Chloronaphthalene	9.84	162	160513	25.50	ng		99
47) 2-Nitroaniline	9.92	65	45999	27.76	ng	#	77
48) Acenaphthylene	10.26	152	266522	23.94	ng		97
49) Dimethylphthalate	10.09	163	193841	30.07	ng	#	97
50) 2,6-Dinitrotoluene	10.16	165	39762	26.37	ng	#	91
51) Acenaphthene	10.44	154	165199	24.01	ng		92
52) 3-Nitroaniline	10.33	138	45429	24.22	ng	#	81
53) 2,4-Dinitrophenol	10.44	184	11395	13.79	ng	#	1
54) Dibenzofuran	10.61	168	236912	27.23	ng		93
55) 4-Nitrophenol	10.47	139	34662	22.99	ng	#	47
56) 2,4-Dinitrotoluene	10.56	165	43622	23.52	ng	#	45
57) Fluorene	10.95	166	191019	25.04	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.72	232	46055	33.14	ng		94
59) Diethylphthalate	10.80	149	186809	28.91	ng		97
60) 4-Chlorophenyl-phenylether	10.94	204	87888	29.15	ng		96
61) 4-Nitroaniline	10.94	138	40941	21.72	ng	#	26
62) Azobenzene	11.10	77	187306	31.65	ng		93
64) 4,6-Dinitro-2-methylphenol	10.98	198	18332	15.46	ng	#	67
65) n-Nitrosodiphenylamine	11.05	169	155363	21.35	ng		92
66) 4-Bromophenyl-phenylether	11.43	248	51770	28.35	ng		92
67) Hexachlorobenzene	11.51	284	56502	28.72	ng	#	81
68) Atrazine	11.57	200	55476	33.14	ng		81
69) Pentachlorophenol	11.70	266	31360	25.13	ng		98
70) Phenanthrene	11.93	178	301058	24.72	ng		97
71) Anthracene	11.99	178	289292	23.97	ng		99
72) Carbazole	12.14	167	277959	24.95	ng		97
73) Di-n-butylphthalate	12.47	149	335301	25.21	ng	#	98
74) Fluoranthene	13.21	202	315316	30.37	ng		88
76) Benzidine	13.33	184	149137	29.30	ng	#	98
77) Pyrene	13.48	202	323154	19.04	ng		97
79) Butylbenzylphthalate	14.19	149	133008	17.08	ng	#	96
80) Benzo(a)anthracene	14.92	228	325731	25.31	ng		98
81) 3,3'-Dichlorobenzidine	14.86	252	111619	28.33	ng	#	94
82) Chrysene	14.96	228	306403	24.52	ng		95
83) Bis(2-ethylhexyl)phthalate	14.89	149	211752	19.18	ng		94
84) Di-n-octyl phthalate	15.73	149	362570	21.95	ng		95
85) Indeno(1,2,3-cd)pyrene	18.71	276	362514	34.67	ng	#	88
87) Benzo(b)fluoranthene	16.30	252	299893	23.57	ng	#	85
88) Benzo(k)fluoranthene	16.33	252	325043	24.93	ng	#	87
89) Benzo(a)pyrene	16.77	252	296373	24.83	ng	#	84
90) Dibenzo(a,h)anthracene	18.73	278	296761	28.69	ng	#	80
91) Benzo(g,h,i)perylene	19.27	276	299416	28.38	ng	#	76

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

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