Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092415\
Data File : BF081771.D
Acq On : 24 Sep 2015 18:54
Operator : UM/IZ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC025

Manual Integrations APPROVED
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9/25/2015 3:36:10 PM

Quant Time: Sep 25 03:40:30 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 02:42:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	133754	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	539630	20.00	ng		0.00
38) Acenaphthene-d10	9.99	164	253459	20.00	ng		-0.01
63) Phenanthrene-d10	11.47	188	488072	20.00	ng		0.00
75) Chrysene-d12	14.12	240	425304	20.00	ng		0.00
86) Perylene-d12	15.58	264	304608	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	404702	47.19	ng		-0.01
7) Phenol-d6	6.56	99	503403	45.20	ng		-0.01
23) Nitrobenzene-d5	7.52	82	444693	41.72	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	119103	53.47	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	940545	50.09	ng		0.00
78) Terphenyl-d14	13.06	244	910568	49.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	99542	25.81	ng	#	100
3) Pyridine	3.36	79	279112	26.96	ng		99
4) n-Nitrosodimethylamine	3.30	42	127999	22.29	ng		96
6) Aniline	6.61	93	373310	23.57	ng		96
8) 2-Chlorophenol	6.73	128	240713	25.76	ng		95
9) Benzaldehyde	6.50	77	165640	23.94	ng		94
10) Phenol	6.58	94	272521	21.18	ng		84
11) bis(2-Chloroethyl)ether	6.69	93	242100	25.95	ng		94
12) 1,3-Dichlorobenzene	6.89	146	283801	28.00	ng		98
13) 1,4-Dichlorobenzene	6.97	146	284589	27.47	ng		99
14) 1,2-Dichlorobenzene	7.12	146	249325	27.05	ng		98
15) Benzyl Alcohol	7.09	79	194637	21.65	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	394657	22.08	ng		99
17) 2-Methylphenol	7.19	107	183183	24.44	ng		96
18) Hexachloroethane	7.46	117	89045	22.85	ng		99
19) n-Nitroso-di-n-propylamine	7.36	70	164416	21.43	ng		93
20) 3+4-Methylphenols	7.35	107	246610	24.68	ng		97
22) Acetophenone	7.36	105	313580	22.33	ng	#	91
24) Nitrobenzene	7.53	77	221836	19.81	ng	#	82
25) Isophorone	7.77	82	458875	22.62	ng	#	92
26) 2-Nitrophenol	7.85	139	84318	17.50	ng		91
27) 2,4-Dimethylphenol	7.89	122	227650	26.94	ng		96
28) bis(2-Chloroethoxy)methane	7.99	93	303610	26.23	ng		99
29) 2,4-Dichlorophenol	8.09	162	204422	27.02	ng		96
30) 1,2,4-Trichlorobenzene	8.18	180	221410	27.04	ng		98
31) Naphthalene	8.26	128	692412	24.73	ng		99
32) Benzoic acid	7.93	122	11307	2.19	ng		96
33) 4-Chloroaniline	8.31	127	309207	27.42	ng		96
34) Hexachlorobutadiene	8.38	225	135586	27.15	ng		98
35) Caprolactam	8.66	113	52679	23.13	ng		95
36) 4-Chloro-3-methylphenol	8.78	107	210249	25.61	ng		94
37) 2-Methylnaphthalene	8.95	142	454214	24.78	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	205278	25.89	ng	#	100
40) Hexachlorocyclopentadiene	9.10	237	86894	22.61	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	159605	29.07	ng		100
43) 2,4,5-Trichlorophenol	9.26	196	143807	26.10	ng		95
45) 1,1'-Biphenyl	9.42	154	576061	24.93	ng		97
46) 2-Chloronaphthalene	9.44	162	460980	28.19	ng		98
47) 2-Nitroaniline	9.53	65	117222	18.38	ng		97
48) Acenaphthylene	9.85	152	700237	23.75	ng		99
49) Dimethylphthalate	9.71	163	548807	28.41	ng		99
50) 2,6-Dinitrotoluene	9.77	165	91693	21.14	ng	#	39
51) Acenaphthene	10.02	154	391537	23.30	ng		99
52) 3-Nitroaniline	9.94	138	122923	25.08	ng		91
53) 2,4-Dinitrophenol	10.05	184	5395	3.36	ng	#	83
54) Dibenzofuran	10.19	168	580875	23.77	ng		98
55) 4-Nitrophenol	10.08	139	62688	20.15	ng	#	72
56) 2,4-Dinitrotoluene	10.17	165	110600	20.00	ng	#	44
57) Fluorene	10.54	166	454139	25.09	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.31	232	120589	28.20	ng	#	100
59) Diethylphthalate	10.41	149	518920	25.85	ng		99
60) 4-Chlorophenyl-phenylether	10.54	204	214347	24.78	ng		97
61) 4-Nitroaniline	10.55	138	99834	19.80	ng		94
62) Azobenzene	10.69	77	509041	23.21	ng		85
64) 4,6-Dinitro-2-methylphenol	10.58	198	14378	6.06	ng	#	72
65) n-Nitrosodiphenylamine	10.65	169	454098	26.20	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	136310	26.81	ng	#	94
67) Hexachlorobenzene	11.09	284	159180	30.13	ng	#	90
68) Atrazine	11.18	200	144145	28.06	ng		95
69) Pentachlorophenol	11.28	266	54375	25.72	ng		100
70) Phenanthrene	11.50	178	714909	26.59	ng		99
71) Anthracene	11.55	178	755960	27.43	ng		99
72) Carbazole	11.70	167	615249	23.71	ng		99
73) Di-n-butylphthalate	12.03	149	787337	25.70	ng		99
74) Fluoranthene	12.69	202	728739	25.14	ng		98
76) Benzidine	12.81	184	407509	22.87	ng		98
77) Pyrene	12.91	202	724205	23.36	ng		99
79) Butylbenzylphthalate	13.53	149	302151	22.24	ng		98
80) Benzo(a)anthracene	14.10	228	641080	24.18	ng		99
81) 3,3'-Dichlorobenzidine	14.07	252	221187	24.39	ng	#	98
82) Chrysene	14.14	228	556568	22.61	ng		100
83) Bis(2-ethylhexyl)phthalate	14.09	149	391314	21.78	ng		99
84) Di-n-octyl phthalate	14.71	149	544970	18.72	ng	#	100
85) Indeno(1,2,3-cd)pyrene	17.04	276	520018	28.41	ng	#	100
87) Benzo(b)fluoranthene	15.16	252	516043	25.19	ng		99
88) Benzo(k)fluoranthene	15.18	252	424019m	23.36	ng		
89) Benzo(a)pyrene	15.52	252	424585	23.40	ng		98
90) Dibenzo(a,h)anthracene	17.06	278	431201	29.88	ng	#	96
91) Benzo(g,h,i)perylene	17.49	276	433263	30.92	ng		95

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

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