Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
Data File : BF080591.D
Acq On : 23 Jul 2015 14:47
Operator : TP/UM
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
apatel
7/24/2015 4:46:30 PM

Quant Time: Jul 23 18:49:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 23 17:08:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	41069	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	153336	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	70980	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	129060	20.00	ng		0.00
75) Chrysene-d12	14.41	240	105734	20.00	ng		0.10
86) Perylene-d12	16.18	264	72425	20.00	ng		0.18
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	111727	48.24	ng		0.00
7) Phenol-d6	6.56	99	144631	50.71	ng		0.00
23) Nitrobenzene-d5	7.50	82	136075	57.16	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	28230	62.02	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	232644	47.13	ng		0.00
78) Terphenyl-d14	13.16	244	244853	47.49	ng		0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	27314	22.69	ng	#	100
3) Pyridine	3.26	79	68344	24.45	ng		91
4) n-Nitrosodimethylamine	3.16	42	43989	24.91	ng	#	88
6) Aniline	6.60	93	103672	24.26	ng		97
8) 2-Chlorophenol	6.73	128	59326	24.46	ng		98
9) Benzaldehyde	6.49	77	54573	25.43	ng		97
10) Phenol	6.57	94	81120	23.91	ng		97
11) bis(2-Chloroethyl)ether	6.67	93	58761	24.12	ng		95
12) 1,3-Dichlorobenzene	6.89	146	75789	24.16	ng		97
13) 1,4-Dichlorobenzene	6.97	146	74966	25.08	ng		99
14) 1,2-Dichlorobenzene	7.12	146	71461	24.79	ng		99
15) Benzyl Alcohol	7.08	79	59355	25.13	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.23	45	119763	23.47	ng		99
17) 2-Methylphenol	7.18	107	47806	23.11	ng		96
18) Hexachloroethane	7.47	117	26547	25.20	ng		97
19) n-Nitroso-di-n-propylamine	7.36	70	42841	23.39	ng		98
20) 3+4-Methylphenols	7.34	107	69986	26.83	ng	#	84
22) Acetophenone	7.36	105	92170	25.18	ng		98
24) Nitrobenzene	7.53	77	68223	26.97	ng		98
25) Isophorone	7.77	82	121275	24.12	ng		99
26) 2-Nitrophenol	7.85	139	22695	38.28	ng		97
27) 2,4-Dimethylphenol	7.88	122	57548	27.03	ng		97
28) bis(2-Chloroethoxy)methane	7.98	93	65316	24.22	ng		97
29) 2,4-Dichlorophenol	8.09	162	45298	26.62	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	59474	25.00	ng		95
31) Naphthalene	8.26	128	190019	24.96	ng		99
32) Benzoic acid	7.93	122	20374	33.33	ng	#	87
33) 4-Chloroaniline	8.30	127	75664	25.82	ng		94
34) Hexachlorobutadiene	8.38	225	35522	25.57	ng		99
35) Caprolactam	8.62	113	12570	26.20	ng	#	87
36) 4-Chloro-3-methylphenol	8.77	107	56273	26.75	ng		100
37) 2-Methylnaphthalene	8.96	142	106261m	24.92	ng		
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	58563	24.06	ng		98
40) Hexachlorocyclopentadiene	9.10	237	29013	27.67	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	31082	25.79	ng		99
43) 2,4,5-Trichlorophenol	9.25	196	31940	25.36	ng		93
45) 1,1'-Biphenyl	9.41	154	136001	22.86	ng		98
46) 2-Chloronaphthalene	9.44	162	109933	23.39	ng		98
47) 2-Nitroaniline	9.53	65	33997	36.41	ng		95
48) Acenaphthylene	9.86	152	170850	24.77	ng		99
49) Dimethylphthalate	9.71	163	132047	26.49	ng		100
50) 2,6-Dinitrotoluene	9.77	165	22662	32.72	ng		89
51) Acenaphthene	10.03	154	103774	25.61	ng		100
52) 3-Nitroaniline	9.94	138	24497	32.34	ng	#	93
53) 2,4-Dinitrophenol	10.04	184	5472	44.23	ng	#	81
54) Dibenzofuran	10.20	168	149684	25.15	ng		98
55) 4-Nitrophenol	10.08	139	18048	30.32	ng		90
56) 2,4-Dinitrotoluene	10.17	165	27075	32.43	ng	#	91
57) Fluorene	10.54	166	119416	25.11	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.32	232	26889m	29.61	ng		
59) Diethylphthalate	10.41	149	113895	24.76	ng		97
60) 4-Chlorophenyl-phenylether	10.53	204	47969	23.39	ng		96
61) 4-Nitroaniline	10.54	138	24092	28.47	ng		96
62) Azobenzene	10.69	77	126054	24.88	ng		99
64) 4,6-Dinitro-2-methylphenol	10.58	198	8276	38.25	ng		87
65) n-Nitrosodiphenylamine	10.65	169	100894	23.71	ng		98
66) 4-Bromophenyl-phenylether	11.02	248	30251	24.36	ng		97
67) Hexachlorobenzene	11.09	284	36312	25.74	ng		97
68) Atrazine	11.17	200	28981	25.39	ng		98
69) Pentachlorophenol	11.29	266	14941	26.67	ng		95
70) Phenanthrene	11.50	178	174162	23.77	ng		100
71) Anthracene	11.56	178	178955	26.40	ng		100
72) Carbazole	11.71	167	145788	23.74	ng		99
73) Di-n-butylphthalate	12.07	149	175066	26.12	ng		99
74) Fluoranthene	12.75	202	163253	24.63	ng		96
76) Benzidine	12.89	184	80390	25.57	ng		99
77) Pyrene	13.00	202	174502	24.24	ng		99
79) Butylbenzylphthalate	13.72	149	52339	25.32	ng		88
80) Benzo(a)anthracene	14.40	228	150535	25.05	ng		96
81) 3,3'-Dichlorobenzidine	14.35	252	42239	25.32	ng	#	99
82) Chrysene	14.43	228	143849	23.96	ng		97
83) Bis(2-ethylhexyl)phthalate	14.42	149	78823	23.27	ng		97
84) Di-n-octyl phthalate	15.23	149	92675	21.47	ng		97
85) Indeno(1,2,3-cd)pyrene	17.70	276	100538	23.57	ng		98
87) Benzo(b)fluoranthene	15.71	252	101848	22.37	ng		97
88) Benzo(k)fluoranthene	15.75	252	118393m	26.26	ng		
89) Benzo(a)pyrene	16.11	252	100956	25.58	ng	#	93
90) Dibenzo(a,h)anthracene	17.73	278	84635	25.13	ng		98
91) Benzo(g,h,i)perylene	18.16	276	84508	24.67	ng	#	92

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

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