Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF083992.D
Acq On : 22 Dec 2015 15:20
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
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12/23/2015 4:26:34 PM

Quant Time: Dec 22 16:55:12 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 16:42:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	56980	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	226328	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	90243	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	166016	20.00	ng		0.00
75) Chrysene-d12	13.99	240	165094	20.00	ng		-0.01
86) Perylene-d12	15.41	264	136423	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	63772	9.36	ng		0.00
7) Phenol-d6	6.46	99	86992	10.65	ng		-0.01
23) Nitrobenzene-d5	7.39	82	76352	10.37	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	16885	10.10	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	132020	9.33	ng		-0.01
78) Terphenyl-d14	12.93	244	144449	10.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	17072	10.68	ng		88
3) Pyridine	3.15	79	34429	10.96	ng		93
4) n-Nitrosodimethylamine	3.06	42	12083	9.85	ng		95
6) Aniline	6.49	93	57959	10.09	ng		99
8) 2-Chlorophenol	6.61	128	38274	9.61	ng		99
9) Benzaldehyde	6.37	77	31417	11.26	ng		99
10) Phenol	6.49	94	46980	9.70	ng	#	43
11) bis(2-Chloroethyl)ether	6.56	93	34963	9.60	ng		90
12) 1,3-Dichlorobenzene	6.77	146	43236	9.91	ng		96
13) 1,4-Dichlorobenzene	6.84	146	44755	10.44	ng		96
14) 1,2-Dichlorobenzene	7.00	146	41174	9.61	ng		96
15) Benzyl Alcohol	6.98	79	31623	10.09	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	35628	10.08	ng		82
17) 2-Methylphenol	7.09	107	33420	10.40	ng		99
18) Hexachloroethane	7.34	117	15677	10.18	ng	#	87
19) n-Nitroso-di-n-propylamine	7.24	70	23749	9.91	ng		98
20) 3+4-Methylphenols	7.25	107	39715	10.02	ng	#	51
22) Acetophenone	7.24	105	52562	9.53	ng	#	91
24) Nitrobenzene	7.41	77	38791	10.06	ng		90
25) Isophorone	7.65	82	66225	9.45	ng	#	90
26) 2-Nitrophenol	7.73	139	20832	10.06	ng		100
27) 2,4-Dimethylphenol	7.78	122	34410	9.25	ng		92
28) bis(2-Chloroethoxy)methane	7.86	93	41408	9.45	ng		98
29) 2,4-Dichlorophenol	7.98	162	29824	9.29	ng		93
30) 1,2,4-Trichlorobenzene	8.05	180	32768	9.81	ng		98
31) Naphthalene	8.13	128	120196	9.98	ng		99
32) Benzoic acid	7.87	122	9954	8.85	ng		95
33) 4-Chloroaniline	8.19	127	44410	9.12	ng	#	89
34) Hexachlorobutadiene	8.26	225	20113	9.71	ng		98
35) Caprolactam	8.52	113	7925	8.51	ng	#	82
36) 4-Chloro-3-methylphenol	8.67	107	28280	8.62	ng	#	85
37) 2-Methylnaphthalene	8.83	142	63940	8.26	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	25530	9.41	ng		99
40) Hexachlorocyclopentadiene	8.99	237	1864	4.18	ng		87

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	14774	8.96	ng		100
43) 2,4,5-Trichlorophenol	9.16	196	15379	8.95	ng		98
45) 1,1'-Biphenyl	9.29	154	82103	9.75	ng		98
46) 2-Chloronaphthalene	9.31	162	55478	9.13	ng		99
47) 2-Nitroaniline	9.41	65	14019	8.73	ng	#	70
48) Acenaphthylene	9.73	152	89229	9.53	ng		99
49) Dimethylphthalate	9.58	163	69630	9.32	ng	#	90
50) 2,6-Dinitrotoluene	9.65	165	15236	9.80	ng		98
51) Acenaphthene	9.90	154	53910	9.76	ng		99
52) 3-Nitroaniline	9.82	138	15014	9.53	ng	#	70
53) 2,4-Dinitrophenol	9.94	184	3153	7.29	ng	#	84
54) Dibenzofuran	10.08	168	85212	9.83	ng		99
55) 4-Nitrophenol	10.00	139	8838	10.07	ng	#	71
56) 2,4-Dinitrotoluene	10.05	165	18946	10.15	ng	#	74
57) Fluorene	10.42	166	65956	9.71	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	11710	9.25	ng	#	95
59) Diethylphthalate	10.28	149	69907	9.83	ng	#	93
60) 4-Chlorophenyl-phenylether	10.41	204	32291	10.21	ng		95
61) 4-Nitroaniline	10.43	138	15604	9.75	ng		91
62) Azobenzene	10.57	77	60309	9.84	ng		98
64) 4,6-Dinitro-2-methylphenol	10.46	198	6938	8.62	ng	#	36
65) n-Nitrosodiphenylamine	10.52	169	62226	9.75	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	17931	9.08	ng		95
67) Hexachlorobenzene	10.97	284	20445	9.49	ng	#	92
68) Atrazine	11.05	200	18960	9.93	ng		99
69) Pentachlorophenol	11.16	266	4324	8.96	ng		94
70) Phenanthrene	11.38	178	95805	9.72	ng		98
71) Anthracene	11.43	178	104422	10.54	ng		99
72) Carbazole	11.59	167	89992	9.71	ng		97
73) Di-n-butylphthalate	11.92	149	120323	10.23	ng		99
74) Fluoranthene	12.57	202	100449	10.44	ng		94
76) Benzidine	12.68	184	57576	10.03	ng		98
77) Pyrene	12.79	202	106846	9.84	ng		98
79) Butylbenzylphthalate	13.40	149	46716	9.60	ng		92
80) Benzo(a)anthracene	13.97	228	92763	9.58	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	33578	9.49	ng	#	99
82) Chrysene	14.02	228	81634	9.19	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	69301	9.77	ng	#	96
84) Di-n-octyl phthalate	14.58	149	108586	10.01	ng		100
85) Indeno(1,2,3-cd)pyrene	16.83	276	72483	10.21	ng		98
87) Benzo(b)fluoranthene	15.01	252	84797	9.69	ng		100
88) Benzo(k)fluoranthene	15.04	252	80232m	9.56	ng		
89) Benzo(a)pyrene	15.36	252	77622	9.54	ng	#	95
90) Dibenzo(a,h)anthracene	16.83	278	58963	9.42	ng		96
91) Benzo(g,h,i)perylene	17.25	276	57246	9.15	ng		100

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

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