Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
Data File : BF081143.D
Acq On : 21 Aug 2015 1:06
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
MMDadoda
8/21/2015 2:03:53 PM

Quant Time: Aug 21 03:04:14 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 11:22:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	61219	20.00	ng		-0.01
21) Naphthalene-d8	7.86	136	258878	20.00	ng		-0.01
38) Acenaphthene-d10	9.61	164	122951	20.00	ng		-0.01
63) Phenanthrene-d10	11.08	188	226923	20.00	ng		-0.01
75) Chrysene-d12	13.71	240	132910	20.00	ng		0.00
86) Perylene-d12	15.03	264	115704	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	335528	82.44	ng		-0.01
7) Phenol-d6	6.23	99	462972	87.18	ng		0.00
23) Nitrobenzene-d5	7.16	82	473546	83.56	ng		-0.01
41) 2,4,6-Tribromophenol	10.40	330	80845	75.85	ng		0.00
44) 2-Fluorobiphenyl	8.95	172	758212	80.80	ng		-0.01
78) Terphenyl-d14	12.66	244	585015	94.36	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	75129	39.17	ng		93
3) Pyridine	2.61	79	246042	45.45	ng		89
4) n-Nitrosodimethylamine	2.57	42	124002	41.14	ng	#	76
6) Aniline	6.24	93	320376	41.49	ng	#	39
8) 2-Chlorophenol	6.36	128	183391	41.16	ng		98
9) Benzaldehyde	6.12	77	143976	42.06	ng		97
10) Phenol	6.24	94	285830	45.57	ng		99
11) bis(2-Chloroethyl)ether	6.32	93	191028	39.69	ng		92
12) 1,3-Dichlorobenzene	6.52	146	206068	43.05	ng		96
13) 1,4-Dichlorobenzene	6.60	146	213355	45.01	ng		98
14) 1,2-Dichlorobenzene	6.74	146	166975	37.64	ng		98
15) Benzyl Alcohol	6.73	79	175485	40.84	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.87	45	374454	39.60	ng		99
17) 2-Methylphenol	6.86	107	165134	43.20	ng		94
18) Hexachloroethane	7.09	117	79354	41.43	ng		94
19) n-Nitroso-di-n-propylamine	7.01	70	165615	45.02	ng		95
20) 3+4-Methylphenols	7.01	107	194116	40.01	ng	#	68
22) Acetophenone	7.00	105	257851	37.94	ng	#	89
24) Nitrobenzene	7.17	77	206930	34.92	ng		94
25) Isophorone	7.42	82	429730	40.66	ng	#	95
26) 2-Nitrophenol	7.49	139	108579	44.06	ng	#	75
27) 2,4-Dimethylphenol	7.54	122	171812	39.41	ng		87
28) bis(2-Chloroethoxy)methane	7.64	93	269476	43.16	ng		99
29) 2,4-Dichlorophenol	7.73	162	139005	37.87	ng	#	87
30) 1,2,4-Trichlorobenzene	7.81	180	156153	38.28	ng		96
31) Naphthalene	7.89	128	578066	40.06	ng		99
32) Benzoic acid	7.66	122	66757	27.22	ng		92
33) 4-Chloroaniline	7.94	127	243220	39.95	ng		93
34) Hexachlorobutadiene	8.01	225	98543	42.72	ng		98
35) Caprolactam	8.33	113	50299	39.21	ng	#	78
36) 4-Chloro-3-methylphenol	8.44	107	174469	39.89	ng		99
37) 2-Methylnaphthalene	8.57	142	340792	37.39	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	154691	39.00	ng		98
40) Hexachlorocyclopentadiene	8.73	237	55548	27.05	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	105709	37.72	ng		99
43) 2,4,5-Trichlorophenol	8.90	196	105554	37.69	ng		95
45) 1,1'-Biphenyl	9.04	154	375259	34.65	ng		96
46) 2-Chloronaphthalene	9.06	162	341441	39.24	ng		96
47) 2-Nitroaniline	9.17	65	154321	43.34	ng	#	82
48) Acenaphthylene	9.48	152	599040	38.49	ng		98
49) Dimethylphthalate	9.36	163	400674	39.57	ng		99
50) 2,6-Dinitrotoluene	9.41	165	79365	36.51	ng	#	57
51) Acenaphthene	9.65	154	333617	35.81	ng		99
52) 3-Nitroaniline	9.58	138	115080	42.30	ng		86
53) 2,4-Dinitrophenol	9.68	184	18419	19.94	ng	#	59
54) Dibenzofuran	9.82	168	488709	39.14	ng		97
55) 4-Nitrophenol	9.74	139	52069	27.25	ng		94
56) 2,4-Dinitrotoluene	9.81	165	95925	33.29	ng	#	70
57) Fluorene	10.16	166	355262	36.99	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.93	232	71848	33.14	ng		93
59) Diethylphthalate	10.05	149	392773	36.65	ng		98
60) 4-Chlorophenyl-phenylether	10.15	204	153589	37.79	ng		92
61) 4-Nitroaniline	10.18	138	96471	34.69	ng		92
62) Azobenzene	10.31	77	442273	35.81	ng		96
64) 4,6-Dinitro-2-methylphenol	10.22	198	31793	23.46	ng	#	44
65) n-Nitrosodiphenylamine	10.28	169	323160	39.89	ng		98
66) 4-Bromophenyl-phenylether	10.64	248	98831	44.33	ng	#	86
67) Hexachlorobenzene	10.70	284	91873	40.69	ng	#	87
68) Atrazine	10.81	200	104002	46.08	ng		97
69) Pentachlorophenol	10.89	266	38222	28.22	ng		99
70) Phenanthrene	11.11	178	563211	41.88	ng		100
71) Anthracene	11.16	178	475476	36.33	ng		100
72) Carbazole	11.32	167	460315	36.53	ng		99
73) Di-n-butylphthalate	11.66	149	604207	39.63	ng		98
74) Fluoranthene	12.29	202	553603	38.15	ng		97
76) Benzidine	12.41	184	198707	39.58	ng		100
77) Pyrene	12.50	202	497600	46.05	ng		99
79) Butylbenzylphthalate	13.14	149	243788	52.49	ng	#	73
80) Benzo(a)anthracene	13.69	228	377051	42.30	ng		98
81) 3,3'-Dichlorobenzidine	13.66	252	115087	39.86	ng		97
82) Chrysene	13.73	228	362672	45.15	ng		99
83) Bis(2-ethylhexyl)phthalate	13.71	149	319899	53.77	ng	#	95
84) Di-n-octyl phthalate	14.32	149	495758	54.83	ng		97
85) Indeno(1,2,3-cd)pyrene	16.24	276	336623	59.69	ng	#	94
87) Benzo(b)fluoranthene	14.69	252	378357m	46.23	ng		
88) Benzo(k)fluoranthene	14.71	252	235868m	30.93	ng		
89) Benzo(a)pyrene	14.99	252	275639	38.65	ng	#	95
90) Dibenzo(a,h)anthracene	16.27	278	275152	49.52	ng		99
91) Benzo(g,h,i)perylene	16.61	276	275807	48.93	ng	#	94

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

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