Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081602.D
Acq On : 14 Sep 2015 11:25
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
MMDadoda
9/14/2015 3:12:32 PM

Quant Time: Sep 14 13:56:00 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:31:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	63074	20.00	ng		-0.03
21) Naphthalene-d8	11.13	136	256903	20.00	ng		-0.03
38) Acenaphthene-d10	15.27	164	125496	20.00	ng		-0.03
63) Phenanthrene-d10	18.77	188	254809	20.00	ng		-0.05
75) Chrysene-d12	23.40	240	208529	20.00	ng		-0.02
86) Perylene-d12	24.82	264	166412	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	316085	77.75	ng		-0.05
7) Phenol-d6	7.66	99	431515	80.19	ng		-0.03
23) Nitrobenzene-d5	9.54	82	430705	80.89	ng		-0.02
41) 2,4,6-Tribromophenol	17.18	330	90070	80.61	ng		-0.03
44) 2-Fluorobiphenyl	13.78	172	773973	79.03	ng		-0.03
78) Terphenyl-d14	22.12	244	717744	80.12	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.57	88	83795	45.90	ng		85
3) Pyridine	2.08	79	198074	39.34	ng	#	75
4) n-Nitrosodimethylamine	2.06	42	121286	43.36	ng	#	61
6) Aniline	7.53	93	295197	38.85	ng	#	85
8) 2-Chlorophenol	7.78	128	177292	39.58	ng	#	81
9) Benzaldehyde	7.26	77	117513	34.85	ng	#	75
10) Phenol	7.68	94	223483	35.81	ng	#	53
11) bis(2-Chloroethyl)ether	7.77	93	180844	40.17	ng	#	64
12) 1,3-Dichlorobenzene	8.08	146	188112	39.30	ng	#	88
13) 1,4-Dichlorobenzene	8.27	146	188166	38.61	ng	#	91
14) 1,2-Dichlorobenzene	8.59	146	180484	41.13	ng	#	91
15) Benzyl Alcohol	8.67	79	182682	41.38	ng	#	72
16) 2,2'-oxybis(1-Chloropropan	8.99	45	384598	44.56	ng		80
17) 2-Methylphenol	9.02	107	144492	40.42	ng	#	81
18) Hexachloroethane	9.33	117	78617	41.46	ng		88
19) n-Nitroso-di-n-propylamine	9.31	70	160603	43.85	ng	#	88
20) 3+4-Methylphenols	9.39	107	192020	39.84	ng		86
22) Acetophenone	9.23	105	271165	38.64	ng	#	76
24) Nitrobenzene	9.58	77	229308	41.47	ng	#	63
25) Isophorone	10.18	82	410555	41.45	ng	#	84
26) 2-Nitrophenol	10.31	139	92958	38.57	ng	#	29
27) 2,4-Dimethylphenol	10.58	122	162047	38.93	ng	#	74
28) bis(2-Chloroethoxy)methane	10.78	93	236520	41.34	ng	#	91
29) 2,4-Dichlorophenol	10.91	162	142570	39.50	ng		90
30) 1,2,4-Trichlorobenzene	11.04	180	159881	40.77	ng		96
31) Naphthalene	11.19	128	537832	39.26	ng		99
32) Benzoic acid	11.10	122	97909	33.74	ng	#	62
33) 4-Chloroaniline	11.43	127	226134	40.47	ng	#	86
34) Hexachlorobutadiene	11.54	225	101745	42.63	ng		98
35) Caprolactam	12.39	113	44650m	40.33	ng		
36) 4-Chloro-3-methylphenol	12.73	107	175007	43.31	ng	#	74
37) 2-Methylnaphthalene	12.84	142	359066	40.27	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	13.25	216	154805	39.00	ng		99
40) Hexachlorocyclopentadiene	13.22	237	77913	40.00	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.59	196	110490	40.34	ng		98
43) 2,4,5-Trichlorophenol	13.69	196	112235	40.16	ng	#	90
45) 1,1'-Biphenyl	13.99	154	438211	37.95	ng		96
46) 2-Chloronaphthalene	13.97	162	324390	38.91	ng	#	87
47) 2-Nitroaniline	14.32	65	142558	41.95	ng	#	64
48) Acenaphthylene	14.93	152	563728	38.11	ng		97
49) Dimethylphthalate	14.87	163	399030	40.92	ng	#	96
50) 2,6-Dinitrotoluene	14.96	165	82455	37.26	ng	#	39
51) Acenaphthene	15.35	154	316869	37.66	ng		88
52) 3-Nitroaniline	15.33	138	99284	39.41	ng	#	59
53) 2,4-Dinitrophenol	15.60	184	41146	40.09	ng	#	26
54) Dibenzofuran	15.77	168	470216	38.27	ng	#	85
55) 4-Nitrophenol	15.93	139	62246	39.33	ng	#	14
56) 2,4-Dinitrotoluene	15.91	165	113656	40.33	ng	#	63
57) Fluorene	16.58	166	387120	41.52	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.14	232	87081m	40.82	ng		
59) Diethylphthalate	16.56	149	431721	42.09	ng		95
60) 4-Chlorophenyl-phenylether	16.68	204	189150	43.52	ng	#	84
61) 4-Nitroaniline	16.80	138	96178	37.79	ng	#	32
62) Azobenzene	17.04	77	481776	42.25	ng		82
64) 4,6-Dinitro-2-methylphenol	16.87	198	60896	42.73	ng	#	78
65) n-Nitrosodiphenylamine	17.00	169	346942	37.42	ng		90
66) 4-Bromophenyl-phenylether	17.82	248	105016	40.76	ng	#	91
67) Hexachlorobenzene	17.86	284	106912	39.69	ng	#	84
68) Atrazine	18.40	200	110804	41.30	ng		79
69) Pentachlorophenol	18.41	266	52233	44.22	ng		99
70) Phenanthrene	18.84	178	552566	39.01	ng		97
71) Anthracene	18.95	178	560341	38.50	ng		97
72) Carbazole	19.43	167	517136	37.87	ng		96
73) Di-n-butylphthalate	20.48	149	711409	44.11	ng	#	98
74) Fluoranthene	21.44	202	603803	39.37	ng		88
76) Benzidine	21.75	184	295989	33.06	ng		98
77) Pyrene	21.78	202	598063	38.72	ng		98
79) Butylbenzylphthalate	22.81	149	309153	46.02	ng		89
80) Benzo(a)anthracene	23.37	228	515113	38.79	ng		96
81) 3,3'-Dichlorobenzidine	23.38	252	175938	39.28	ng	#	96
82) Chrysene	23.42	228	446663	37.52	ng		95
83) Bis(2-ethylhexyl)phthalate	23.50	149	405219	45.71	ng	#	92
84) Di-n-octyl phthalate	24.15	149	669804	45.88	ng		97
85) Indeno(1,2,3-cd)pyrene	25.88	276	378179	43.30	ng	#	85
87) Benzo(b)fluoranthene	24.48	252	431558m	36.32	ng		
88) Benzo(k)fluoranthene	24.50	252	411453m	41.74	ng		
89) Benzo(a)pyrene	24.78	252	414250	41.15	ng	#	81
90) Dibenzo(a,h)anthracene	25.89	278	320052	41.14	ng	#	77
91) Benzo(g,h,i)perylene	26.18	276	293332	39.51	ng	#	69

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

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