Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082492.D
Acq On : 24 Oct 2015 4:05
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:35 PM

Quant Time: Oct 24 06:57:35 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 24 04:47:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	114791	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	454077	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	222477	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	422945	20.00	ng		0.00
75) Chrysene-d12	13.96	240	314463	20.00	ng		0.00
86) Perylene-d12	15.43	264	265487	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	458297	80.58	ng		0.00
7) Phenol-d6	6.41	99	583595	78.85	ng		0.00
23) Nitrobenzene-d5	7.34	82	557715	82.48	ng		0.00
41) 2,4,6-Tribromophenol	10.59	330	129644	62.14	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	1145615	85.40	ng		0.00
78) Terphenyl-d14	12.88	244	991687	83.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	105091	36.77	ng		97
3) Pyridine	2.95	79	278166	41.85	ng		98
4) n-Nitrosodimethylamine	2.93	42	115965	41.14	ng		94
6) Aniline	6.42	93	377918	39.60	ng	#	40
8) 2-Chlorophenol	6.54	128	259191	37.33	ng	#	79
9) Benzaldehyde	6.30	77	153385	40.58	ng		94
10) Phenol	6.42	94	346574	40.61	ng	#	71
11) bis(2-Chloroethyl)ether	6.50	93	268945	37.27	ng		96
12) 1,3-Dichlorobenzene	6.70	146	305581m	37.79	ng		
13) 1,4-Dichlorobenzene	6.78	146	311764	36.92	ng		94
14) 1,2-Dichlorobenzene	6.93	146	313062	39.04	ng		95
15) Benzyl Alcohol	6.91	79	216265	42.33	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.04	45	351063	34.93	ng		79
17) 2-Methylphenol	7.03	107	208876	38.04	ng		96
18) Hexachloroethane	7.27	117	104093	36.01	ng	#	73
19) n-Nitroso-di-n-propylamine	7.19	70	195828	37.67	ng		99
20) 3+4-Methylphenols	7.19	107	265591	40.59	ng	#	65
22) Acetophenone	7.18	105	361762	40.27	ng	#	90
24) Nitrobenzene	7.35	77	261433	35.72	ng		100
25) Isophorone	7.59	82	517214	37.90	ng		100
26) 2-Nitrophenol	7.67	139	157530	43.10	ng		99
27) 2,4-Dimethylphenol	7.71	122	249746	42.42	ng		98
28) bis(2-Chloroethoxy)methane	7.81	93	332951	41.93	ng		99
29) 2,4-Dichlorophenol	7.92	162	231254	39.29	ng		94
30) 1,2,4-Trichlorobenzene	7.99	180	264272	38.95	ng		99
31) Naphthalene	8.07	128	774928	39.37	ng		100
32) Benzoic acid	7.86	122	114677	29.02	ng		97
33) 4-Chloroaniline	8.13	127	316063	38.66	ng		98
34) Hexachlorobutadiene	8.18	225	162322	38.40	ng		98
35) Caprolactam	8.53	113	72292	42.32	ng		88
36) 4-Chloro-3-methylphenol	8.62	107	217894	37.86	ng		95
37) 2-Methylnaphthalene	8.75	142	515229	37.76	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	260346	39.34	ng		99
40) Hexachlorocyclopentadiene	8.90	237	30810	16.55	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	174483	39.70	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	179802	37.76	ng		97
45) 1,1'-Biphenyl	9.22	154	618561	36.46	ng		100
46) 2-Chloronaphthalene	9.26	162	508689	38.09	ng		99
47) 2-Nitroaniline	9.36	65	163548	44.61	ng	#	83
48) Acenaphthylene	9.67	152	846231	40.68	ng		100
49) Dimethylphthalate	9.54	163	630002	40.21	ng	#	97
50) 2,6-Dinitrotoluene	9.60	165	118413	35.82	ng	#	69
51) Acenaphthene	9.84	154	485200	38.85	ng		99
52) 3-Nitroaniline	9.77	138	135702	36.34	ng		85
53) 2,4-Dinitrophenol	9.89	184	32834	22.75	ng		94
54) Dibenzofuran	10.01	168	681931	39.77	ng		99
55) 4-Nitrophenol	9.95	139	69946	34.78	ng		98
56) 2,4-Dinitrotoluene	10.01	165	173672	42.04	ng		92
57) Fluorene	10.35	166	585052	41.54	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	142252	36.57	ng		97
59) Diethylphthalate	10.23	149	570310	39.05	ng		99
60) 4-Chlorophenyl-phenylether	10.34	204	246923	38.28	ng		98
61) 4-Nitroaniline	10.39	138	147461	40.72	ng		94
62) Azobenzene	10.50	77	531343	37.18	ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	57185	24.09	ng		85
65) n-Nitrosodiphenylamine	10.47	169	479215	37.84	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	156372	36.94	ng		98
67) Hexachlorobenzene	10.90	284	170015	37.14	ng		99
68) Atrazine	11.01	200	170729	42.56	ng		95
69) Pentachlorophenol	11.10	266	78419	33.29	ng		97
70) Phenanthrene	11.32	178	806135	38.88	ng		100
71) Anthracene	11.37	178	850011	39.79	ng		100
72) Carbazole	11.53	167	781753	40.11	ng		98
73) Di-n-butylphthalate	11.85	149	919155	38.23	ng		100
74) Fluoranthene	12.50	202	813587	36.54	ng		98
76) Benzidine	12.64	184	379448	41.64	ng		99
77) Pyrene	12.73	202	806933	43.24	ng		100
79) Butylbenzylphthalate	13.36	149	425091	49.91	ng		90
80) Benzo(a)anthracene	13.94	228	666176	40.72	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	261046	42.03	ng	#	99
82) Chrysene	13.98	228	569964	33.06	ng		100
83) Bis(2-ethylhexyl)phthalate	13.93	149	568591	46.80	ng		99
84) Di-n-octyl phthalate	14.58	149	883884	42.36	ng		100
85) Indeno(1,2,3-cd)pyrene	16.82	276	597149	43.58	ng		98
87) Benzo(b)fluoranthene	15.02	252	701004m	43.40	ng		
88) Benzo(k)fluoranthene	15.05	252	430016m	31.67	ng		
89) Benzo(a)pyrene	15.37	252	531077	38.26	ng	#	96
90) Dibenzo(a,h)anthracene	16.84	278	498700	43.84	ng	#	96
91) Benzo(g,h,i)perylene	17.24	276	491242	44.45	ng		99

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

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