Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090074.D
Acq On : 15 Sep 2016 2:40
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
sohil
9/15/2016 12:51:25 PM

Quant Time: Sep 15 05:05:33 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 04:11:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	169408	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	708697	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	334659	20.00	ng		-0.01
63) Phenanthrene-d10	11.05	188	652861	20.00	ng		0.00
75) Chrysene-d12	13.66	240	512776	20.00	ng		-0.01
86) Perylene-d12	14.99	264	509151	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	229547	21.66	ng		-0.01
7) Phenol-d6	6.19	99	317631	22.94	ng		-0.01
23) Nitrobenzene-d5	7.12	82	281118	22.38	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	79254	23.18	ng		-0.01
44) 2-Fluorobiphenyl	8.91	172	525873	24.53	ng		-0.01
78) Terphenyl-d14	12.63	244	493310	23.96	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	49788	9.42	ng		96
3) Pyridine	2.62	79	127156	9.52	ng		92
4) n-Nitrosodimethylamine	2.56	42	30807	7.57	ng		94
6) Aniline	6.20	93	194421	11.30	ng		98
8) 2-Chlorophenol	6.33	128	135200	11.14	ng		86
9) Benzaldehyde	6.09	77	81920	11.16	ng		95
10) Phenol	6.20	94	176935	10.99	ng		95
11) bis(2-Chloroethyl)ether	6.30	93	142801	11.55	ng		88
12) 1,3-Dichlorobenzene	6.49	146	135272	10.80	ng		97
13) 1,4-Dichlorobenzene	6.57	146	142921	11.13	ng		96
14) 1,2-Dichlorobenzene	6.72	146	140438m	11.88	ng		
15) Benzyl Alcohol	6.71	79	87750	11.19	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.84	45	155556	10.45	ng		97
17) 2-Methylphenol	6.82	107	108309	10.93	ng		97
18) Hexachloroethane	7.06	117	52025	11.08	ng		96
19) n-Nitroso-di-n-propylamine	6.97	70	93452	10.93	ng		93
20) 3+4-Methylphenols	6.98	107	135677	11.38	ng		92
22) Acetophenone	6.97	105	186075	10.85	ng	#	97
24) Nitrobenzene	7.13	77	137681	10.37	ng		98
25) Isophorone	7.38	82	278693	10.60	ng		99
26) 2-Nitrophenol	7.46	139	63985	10.00	ng	#	87
27) 2,4-Dimethylphenol	7.51	122	119440	10.58	ng		99
28) bis(2-Chloroethoxy)methane	7.61	93	160522	10.48	ng	#	97
29) 2,4-Dichlorophenol	7.70	162	110267	11.02	ng		93
30) 1,2,4-Trichlorobenzene	7.78	180	104542	10.62	ng		99
31) Naphthalene	7.86	128	393845	11.30	ng		98
32) Benzoic acid	7.61	122	72470	8.32	ng		100
33) 4-Chloroaniline	7.92	127	158925	10.81	ng		94
34) Hexachlorobutadiene	7.99	225	58491	11.66	ng		99
35) Caprolactam	8.26	113	35351	10.39	ng		94
36) 4-Chloro-3-methylphenol	8.40	107	120134	10.28	ng		94
37) 2-Methylnaphthalene	8.55	142	247857	11.51	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	102487	11.83	ng		96
40) Hexachlorocyclopentadiene	8.71	237	48868	10.88	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	70244	10.99	ng		99
43) 2,4,5-Trichlorophenol	8.87	196	73838	10.78	ng	#	94
45) 1,1'-Biphenyl	9.02	154	347881	12.39	ng		95
46) 2-Chloronaphthalene	9.03	162	234927	11.90	ng		96
47) 2-Nitroaniline	9.13	65	70445	10.85	ng	#	79
48) Acenaphthylene	9.44	152	415428	12.16	ng		99
49) Dimethylphthalate	9.32	163	274562	11.02	ng		98
50) 2,6-Dinitrotoluene	9.38	165	57821	10.41	ng	#	62
51) Acenaphthene	9.61	154	249372	12.22	ng		99
52) 3-Nitroaniline	9.54	138	76979	11.41	ng		98
53) 2,4-Dinitrophenol	9.64	184	24628	9.35	ng	#	64
54) Dibenzofuran	9.78	168	330107	12.37	ng		97
55) 4-Nitrophenol	9.71	139	40189	6.07	ng		92
56) 2,4-Dinitrotoluene	9.77	165	80651	11.87	ng		95
57) Fluorene	10.12	166	269995	12.93	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	61595	11.91	ng		96
59) Diethylphthalate	10.01	149	269804	11.22	ng		98
60) 4-Chlorophenyl-phenylether	10.12	204	113767	12.79	ng		88
61) 4-Nitroaniline	10.15	138	75273	10.90	ng		98
62) Azobenzene	10.28	77	285976	11.20	ng		90
64) 4,6-Dinitro-2-methylphenol	10.18	198	35531	8.42	ng		92
65) n-Nitrosodiphenylamine	10.24	169	229946	11.02	ng		99
66) 4-Bromophenyl-phenylether	10.60	248	68123	10.87	ng	#	80
67) Hexachlorobenzene	10.66	284	80272	10.92	ng	#	85
68) Atrazine	10.78	200	71154	11.77	ng		98
69) Pentachlorophenol	10.86	266	43844	10.00	ng		95
70) Phenanthrene	11.07	178	378013	11.93	ng		98
71) Anthracene	11.12	178	401314	12.09	ng		98
72) Carbazole	11.28	167	405945	11.51	ng		98
73) Di-n-butylphthalate	11.63	149	462144	11.88	ng		98
74) Fluoranthene	12.24	202	380406	11.61	ng		95
76) Benzidine	12.39	184	225932	10.70	ng		97
77) Pyrene	12.47	202	408632	11.38	ng		98
79) Butylbenzylphthalate	13.11	149	186551	10.30	ng	#	81
80) Benzo(a)anthracene	13.65	228	313213	10.82	ng		99
81) 3,3'-Dichlorobenzidine	13.62	252	139846	11.46	ng	#	97
82) Chrysene	13.68	228	326112	11.53	ng		99
83) Bis(2-ethylhexyl)phthalate	13.68	149	247350	11.04	ng	#	99
84) Di-n-octyl phthalate	14.29	149	432711	10.94	ng		99
85) Indeno(1,2,3-cd)pyrene	16.16	276	284530	11.62	ng		99
87) Benzo(b)fluoranthene	14.64	252	325412m	10.54	ng		
88) Benzo(k)fluoranthene	14.66	252	301584m	11.94	ng		
89) Benzo(a)pyrene	14.94	252	297415	11.01	ng	#	98
90) Dibenzo(a,h)anthracene	16.18	278	238734	11.15	ng		97
91) Benzo(g,h,i)perylene	16.51	276	215038	10.50	ng		96

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

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