Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF083997.D
Acq On : 22 Dec 2015 17:40
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
apatel
12/23/2015 4:27:02 PM

Quant Time: Dec 22 18:39:33 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 17:45:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	60994	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	246581	20.00	ng		0.01
38) Acenaphthene-d10	9.87	164	120819	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	196202	20.00	ng		0.00
75) Chrysene-d12	14.00	240	196534	20.00	ng		0.00
86) Perylene-d12	15.43	264	122687	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	490510	66.96	ng		0.00
7) Phenol-d6	6.49	99	633945	74.64	ng		0.01
23) Nitrobenzene-d5	7.40	82	584382	71.72	ng		0.01
41) 2,4,6-Tribromophenol	10.67	330	212838	93.84	ng		0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	12.94	244	1113442	65.85	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	123155	71.17	ng		99
3) Pyridine	3.10	79	288530	78.58	ng		99
4) n-Nitrosodimethylamine	3.07	42	116972	81.03	ng		100
6) Aniline	6.50	93	422748	71.52	ng	#	52
8) 2-Chlorophenol	6.62	128	330067	80.14	ng		95
9) Benzaldehyde	6.37	77	188554	65.37	ng		98
10) Phenol	6.50	94	370943	75.64	ng		77
11) bis(2-Chloroethyl)ether	6.57	93	288546	77.22	ng		92
12) 1,3-Dichlorobenzene	6.77	146	351897m	76.39	ng		
13) 1,4-Dichlorobenzene	6.85	146	359034m	80.39	ng		
14) 1,2-Dichlorobenzene	7.00	146	287136	65.46	ng		96
15) Benzyl Alcohol	6.99	79	263059	79.34	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	263834	72.51	ng		89
17) 2-Methylphenol	7.10	107	258574	78.60	ng	#	92
18) Hexachloroethane	7.34	117	129662	78.97	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	210310	82.95	ng		94
20) 3+4-Methylphenols	7.26	107	313370	76.97	ng	#	47
22) Acetophenone	7.25	105	423667	72.21	ng		97
24) Nitrobenzene	7.42	77	335118	81.18	ng		96
25) Isophorone	7.66	82	601592	78.95	ng		99
26) 2-Nitrophenol	7.73	139	163594	72.50	ng	#	83
27) 2,4-Dimethylphenol	7.79	122	284642	72.35	ng		92
28) bis(2-Chloroethoxy)methane	7.87	93	335244	69.87	ng		99
29) 2,4-Dichlorophenol	7.98	162	262314	74.99	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	281428	77.47	ng		97
31) Naphthalene	8.14	128	935035	73.35	ng		100
32) Benzoic acid	7.95	122	153147	109.52	ng		94
33) 4-Chloroaniline	8.19	127	346085	65.44	ng		98
34) Hexachlorobutadiene	8.26	225	146243	65.97	ng		99
35) Caprolactam	8.59	113	75675	71.54	ng		99
36) 4-Chloro-3-methylphenol	8.69	107	321614	87.96	ng		98
37) 2-Methylnaphthalene	8.83	142	584477	70.42	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	258683	69.95	ng		99
40) Hexachlorocyclopentadiene	8.99	237	93668	120.20	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	151553	67.78	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	160820	69.30	ng	#	87
45) 1,1'-Biphenyl	9.30	154	659203	59.45	ng		98
46) 2-Chloronaphthalene	9.32	162	489573	61.58	ng		98
47) 2-Nitroaniline	9.42	65	169087	80.78	ng	#	67
48) Acenaphthylene	9.73	152	870134	70.21	ng		99
49) Dimethylphthalate	9.61	163	674133	70.04	ng	#	90
50) 2,6-Dinitrotoluene	9.66	165	139819	68.66	ng	#	64
51) Acenaphthene	9.90	154	528282	71.92	ng		99
52) 3-Nitroaniline	9.84	138	161566	75.65	ng		91
53) 2,4-Dinitrophenol	9.95	184	69997	105.02	ng	#	89
54) Dibenzofuran	10.09	168	771032	69.86	ng		98
55) 4-Nitrophenol	10.01	139	107242	87.22	ng	#	79
56) 2,4-Dinitrotoluene	10.08	165	215412	86.94	ng		93
57) Fluorene	10.42	166	586073	66.63	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	142453	79.26	ng		95
59) Diethylphthalate	10.30	149	742352	79.88	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	291803	73.27	ng	#	87
61) 4-Nitroaniline	10.45	138	177652	82.27	ng		96
62) Azobenzene	10.58	77	701110	86.45	ng		97
64) 4,6-Dinitro-2-methylphenol	10.49	198	107673m	104.48	ng		
65) n-Nitrosodiphenylamine	10.53	169	538146	73.39	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	177166	78.54	ng	#	71
67) Hexachlorobenzene	10.98	284	190209	77.05	ng		96
68) Atrazine	11.07	200	174794	79.75	ng		97
69) Pentachlorophenol	11.17	266	74723	114.28	ng		99
70) Phenanthrene	11.38	178	795488	70.52	ng		98
71) Anthracene	11.44	178	805809	70.32	ng		99
72) Carbazole	11.60	167	806793	76.08	ng		97
73) Di-n-butylphthalate	11.92	149	919077	68.90	ng	#	97
74) Fluoranthene	12.57	202	791396	70.78	ng		99
76) Benzidine	12.69	184	500605	70.17	ng		99
77) Pyrene	12.80	202	812756	60.27	ng		99
79) Butylbenzylphthalate	13.41	149	482204	78.40	ng		97
80) Benzo(a)anthracene	13.98	228	798820	69.12	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	348145	81.98	ng	#	97
82) Chrysene	14.03	228	784101	73.69	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	594657	68.48	ng	#	97
84) Di-n-octyl phthalate	14.58	149	1039795	79.42	ng		100
85) Indeno(1,2,3-cd)pyrene	16.84	276	563403	62.74	ng		99
88) Benzo(k)fluoranthene	15.05	252	559517m	75.44	ng		
89) Benzo(a)pyrene	15.37	252	546415	75.69	ng	#	96
90) Dibenzo(a,h)anthracene	16.85	278	474293	79.88	ng	#	94
91) Benzo(g,h,i)perylene	17.27	276	477703	79.49	ng		99

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

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