Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078850.D
Acq On : 30 Apr 2015 15:35
Operator : TP/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
apatel
5/1/2015 4:43:15 PM

Quant Time: Apr 30 18:06:12 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 17:23:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	83829	20.00	ng		0.00
21) Naphthalene-d8	8.95	136	352253	20.00	ng		0.00
38) Acenaphthene-d10	11.13	164	170769	20.00	ng		0.00
63) Phenanthrene-d10	12.97	188	311867	20.00	ng		0.00
75) Chrysene-d12	16.30	240	329916	20.00	ng		0.00
86) Perylene-d12	18.11	264	347642	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	797466	174.72	ng		0.00
7) Phenol-d6	6.92	99	1060196	173.93	ng		0.00
23) Nitrobenzene-d5	8.07	82	1015992	207.66	ng		0.00
41) 2,4,6-Tribromophenol	12.11	330	328281	221.07	ng		0.00
44) 2-Fluorobiphenyl	10.30	172	1759018	141.06	ng		0.00
78) Terphenyl-d14	14.97	244	2129099	153.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	180163	86.04	ng	#	22
3) Pyridine	3.10	79	501266	81.06	ng		97
4) n-Nitrosodimethylamine	3.03	42	240741	86.65	ng		92
6) Aniline	6.96	93	745821	83.76	ng		93
8) 2-Chlorophenol	7.11	128	463019	88.26	ng		89
9) Benzaldehyde	6.82	77	306670	69.71	ng		92
10) Phenol	6.94	94	577289	80.12	ng		96
11) bis(2-Chloroethyl)ether	7.06	93	474573	89.06	ng		94
12) 1,3-Dichlorobenzene	7.30	146	516721	84.83	ng	#	91
13) 1,4-Dichlorobenzene	7.39	146	517936	83.05	ng		96
14) 1,2-Dichlorobenzene	7.58	146	473159	81.20	ng		96
15) Benzyl Alcohol	7.55	79	418636	92.16	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.72	45	685481	82.29	ng		99
17) 2-Methylphenol	7.69	107	384916	90.64	ng		97
18) Hexachloroethane	8.00	117	183765	89.21	ng		93
19) n-Nitroso-di-n-propylamine	7.88	70	354931	83.45	ng		94
20) 3+4-Methylphenols	7.88	107	495697	89.60	ng	#	82
22) Acetophenone	7.88	105	648526	83.10	ng	#	97
24) Nitrobenzene	8.09	77	525042	100.21	ng		92
25) Isophorone	8.39	82	942569	85.22	ng		96
26) 2-Nitrophenol	8.48	139	235380	170.19	ng	#	86
27) 2,4-Dimethylphenol	8.54	122	440314	89.74	ng		98
28) bis(2-Chloroethoxy)methane	8.66	93	563286	82.48	ng		99
29) 2,4-Dichlorophenol	8.78	162	401228	95.67	ng		95
30) 1,2,4-Trichlorobenzene	8.88	180	399681	82.99	ng		94
31) Naphthalene	8.98	128	1363670	81.57	ng		99
32) Benzoic acid	8.66	122	276193	185.48	ng		92
33) 4-Chloroaniline	9.05	127	619531	88.05	ng		94
34) Hexachlorobutadiene	9.13	225	232931	85.72	ng		98
35) Caprolactam	9.50	113	121681	91.12	ng		97
36) 4-Chloro-3-methylphenol	9.64	107	396898	90.13	ng		99
37) 2-Methylnaphthalene	9.84	142	965611	85.85	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.04	216	396827	82.02	ng	#	100
40) Hexachlorocyclopentadiene	10.03	237	218336	107.35	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.18	196	272927	92.58	ng		96
43) 2,4,5-Trichlorophenol	10.23	196	290216	92.49	ng		93
45) 1,1'-Biphenyl	10.42	154	1112169	81.15	ng		97
46) 2-Chloronaphthalene	10.45	162	868293	81.07	ng		94
47) 2-Nitroaniline	10.57	65	284572	121.65	ng	#	83
48) Acenaphthylene	10.96	152	1432349	81.73	ng		99
49) Dimethylphthalate	10.81	163	1037468	85.46	ng		99
50) 2,6-Dinitrotoluene	10.88	165	218037	110.24	ng	#	80
51) Acenaphthene	11.18	154	825834	80.24	ng		98
52) 3-Nitroaniline	11.09	138	281941	109.87	ng	#	92
53) 2,4-Dinitrophenol	11.21	184	84645	308.20	ng	#	84
54) Dibenzofuran	11.38	168	1154903	76.49	ng		96
55) 4-Nitrophenol	11.28	139	215433	122.44	ng		88
56) 2,4-Dinitrotoluene	11.37	165	268474	117.64	ng		85
57) Fluorene	11.82	166	979935	81.19	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.53	232	224257	95.43	ng	#	100
59) Diethylphthalate	11.69	149	1014122	83.94	ng		98
60) 4-Chlorophenyl-phenylether	11.82	204	419390	78.09	ng		93
61) 4-Nitroaniline	11.84	138	262193	100.48	ng		95
62) Azobenzene	12.01	77	972145	78.92	ng		94
64) 4,6-Dinitro-2-methylphenol	11.87	198	132549	268.98	ng		86
65) n-Nitrosodiphenylamine	11.97	169	853167	84.61	ng		99
66) 4-Bromophenyl-phenylether	12.42	248	271720	86.32	ng	#	88
67) Hexachlorobenzene	12.49	284	319221	89.52	ng	#	78
68) Atrazine	12.64	200	272953	101.08	ng		97
69) Pentachlorophenol	12.73	266	181757	122.43	ng		97
70) Phenanthrene	13.01	178	1386607	82.12	ng		97
71) Anthracene	13.07	178	1455732	88.17	ng		99
72) Carbazole	13.27	167	1328841	85.24	ng		99
73) Di-n-butylphthalate	13.73	149	1732490	95.93	ng	#	98
74) Fluoranthene	14.49	202	1540234	91.47	ng		92
76) Benzidine	14.66	184	751648	70.38	ng		99
77) Pyrene	14.77	202	1528899	79.31	ng		98
79) Butylbenzylphthalate	15.59	149	784409	106.12	ng		97
80) Benzo(a)anthracene	16.29	228	1548390	87.48	ng		99
81) 3,3'-Dichlorobenzidine	16.25	252	570331	94.66	ng	#	98
82) Chrysene	16.33	228	1347657	78.11	ng		98
83) Bis(2-ethylhexyl)phthalate	16.33	149	1079590	90.99	ng		100
84) Di-n-octyl phthalate	17.17	149	1987955	113.94	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.65	276	1949176	99.58	ng	#	100
87) Benzo(b)fluoranthene	17.65	252	1519139m	80.73	ng		
88) Benzo(k)fluoranthene	17.68	252	1495496	82.01	ng		97
89) Benzo(a)pyrene	18.05	252	1434315	85.19	ng	#	95
90) Dibenzo(a,h)anthracene	19.68	278	1570071	90.04	ng		99
91) Benzo(g,h,i)perylene	20.10	276	1558934	89.07	ng		98

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

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