Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010915\
Data File : BF076795.D
Acq On : 9 Jan 2015 20:31
Operator : IZ / TP
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDICC080

Manual Integrations APPROVED
tejaskumar
1/12/2015 3:49:17 PM

Quant Time: Jan 09 23:32:15 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 09 22:49:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	33283	20.00	ng		0.01
21) Naphthalene-d8	11.00	136	142839	20.00	ng		0.00
38) Acenaphthene-d10	15.13	164	75841	20.00	ng		0.00
63) Phenanthrene-d10	17.85	188	128875	20.00	ng		0.00
75) Chrysene-d12	21.35	240	117205	20.00	ng		0.00
86) Perylene-d12	22.99	264	102786	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	332079	166.72	ng		0.00
7) Phenol-d6	7.50	99	415806	170.89	ng		0.00
23) Nitrobenzene-d5	9.40	82	429456	175.22	ng		0.01
41) 2,4,6-Tribromophenol	16.78	330	109494	169.77	ng		0.00
44) 2-Fluorobiphenyl	13.66	172	880384	177.37	ng		0.01
78) Terphenyl-d14	20.08	244	879836	164.66	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.35	88	64150	75.44	ng		96
3) Pyridine	1.84	79	207597	98.57	ng		95
4) n-Nitrosodimethylamine	1.82	42	96258	90.91	ng	#	79
6) Aniline	7.37	93	287841	83.01	ng		98
8) 2-Chlorophenol	7.62	128	193071	84.97	ng		97
9) Benzaldehyde	7.10	77	93865	53.74	ng		99
10) Phenol	7.53	94	225632	77.84	ng		98
11) bis(2-Chloroethyl)ether	7.62	93	181614	85.60	ng		95
12) 1,3-Dichlorobenzene	7.93	146	224540	85.77	ng		96
13) 1,4-Dichlorobenzene	8.13	146	223821	83.39	ng		99
14) 1,2-Dichlorobenzene	8.45	146	215163	84.75	ng		97
15) Benzyl Alcohol	8.53	79	176267	84.22	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.87	45	239081	78.94	ng	#	66
17) 2-Methylphenol	8.87	107	160371	86.21	ng		95
18) Hexachloroethane	9.19	117	81996	85.33	ng		99
19) n-Nitroso-di-n-propylamine	9.16	70	150654	84.64	ng		94
20) 3+4-Methylphenols	9.25	107	212887	84.78	ng		96
22) Acetophenone	9.08	105	292366	84.39	ng		100
24) Nitrobenzene	9.43	77	219563	86.60	ng		98
25) Isophorone	10.02	82	395428	84.47	ng		100
26) 2-Nitrophenol	10.16	139	109635	89.45	ng		93
27) 2,4-Dimethylphenol	10.45	122	172582	86.62	ng		95
28) bis(2-Chloroethoxy)methane	10.64	93	229787	84.48	ng		99
29) 2,4-Dichlorophenol	10.77	162	163459	83.13	ng		88
30) 1,2,4-Trichlorobenzene	10.91	180	179733	85.11	ng		94
31) Naphthalene	11.04	128	605229	84.38	ng		99
32) Benzoic acid	10.86	122	88946m	80.01	ng		
33) 4-Chloroaniline	11.28	127	241002	83.10	ng		99
34) Hexachlorobutadiene	11.41	225	105906	85.98	ng		98
35) Caprolactam	12.20	113	46944m	82.84	ng		
36) 4-Chloro-3-methylphenol	12.59	107	184665	85.52	ng		96
37) 2-Methylnaphthalene	12.70	142	423574	84.92	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.10	216	163922	87.14	ng		97
40) Hexachlorocyclopentadiene	13.09	237	93802	102.40	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.45	196	120338	87.82	ng		99
43) 2,4,5-Trichlorophenol	13.55	196	131631	89.96	ng		98
45) 1,1'-Biphenyl	13.85	154	493730	87.02	ng		98
46) 2-Chloronaphthalene	13.83	162	398557	87.46	ng		96
47) 2-Nitroaniline	14.17	65	126070	91.99	ng		88
48) Acenaphthylene	14.79	152	680466	88.26	ng		99
49) Dimethylphthalate	14.73	163	461495	84.59	ng		99
50) 2,6-Dinitrotoluene	14.83	165	99499	89.47	ng		94
51) Acenaphthene	15.21	154	380578	87.01	ng		100
52) 3-Nitroaniline	15.18	138	113051	90.46	ng		97
53) 2,4-Dinitrophenol	15.44	184	35474	79.02	ng	#	89
54) Dibenzofuran	15.64	168	555933	88.06	ng		97
55) 4-Nitrophenol	15.75	139	77590	80.42	ng		91
56) 2,4-Dinitrotoluene	15.74	165	135157	91.36	ng	#	97
57) Fluorene	16.33	166	463078	87.23	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.96	232	93775	87.40	ng		96
59) Diethylphthalate	16.32	149	478749	85.74	ng		97
60) 4-Chlorophenyl-phenylether	16.41	204	195988	85.49	ng		96
61) 4-Nitroaniline	16.47	138	109948	84.12	ng		85
62) Azobenzene	16.69	77	498694	91.35	ng		97
64) 4,6-Dinitro-2-methylphenol	16.53	198	69208	85.89	ng		90
65) n-Nitrosodiphenylamine	16.65	169	392383	85.45	ng		97
66) 4-Bromophenyl-phenylether	17.24	248	110987	86.37	ng		92
67) Hexachlorobenzene	17.26	284	114649	78.08	ng	#	84
68) Atrazine	17.60	200	116864	85.08	ng		96
69) Pentachlorophenol	17.61	266	49523	72.63	ng		93
70) Phenanthrene	17.90	178	658889	83.83	ng		99
71) Anthracene	17.97	178	636140	81.95	ng		99
72) Carbazole	18.25	167	601852	80.37	ng		98
73) Di-n-butylphthalate	18.83	149	744968	81.11	ng		99
74) Fluoranthene	19.53	202	674702	83.89	ng		99
76) Benzidine	19.76	184	265614	57.33	ng		97
77) Pyrene	19.82	202	687692	82.96	ng		99
79) Butylbenzylphthalate	20.73	149	318778	80.66	ng		96
80) Benzo(a)anthracene	21.34	228	606913	82.26	ng		97
81) 3,3'-Dichlorobenzidine	21.34	252	181662	74.87	ng		99
82) Chrysene	21.39	228	543661	80.67	ng		98
83) Bis(2-ethylhexyl)phthalate	21.47	149	445312	75.91	ng		100
84) Di-n-octyl phthalate	22.23	149	765886	76.23	ng		100
85) Indeno(1,2,3-cd)pyrene	24.11	276	588804m	80.05	ng		
87) Benzo(b)fluoranthene	22.59	252	577103	82.59	ng	#	97
88) Benzo(k)fluoranthene	22.62	252	520109m	83.15	ng		
89) Benzo(a)pyrene	22.93	252	495202	80.83	ng		97
90) Dibenzo(a,h)anthracene	24.13	278	449953	75.38	ng	#	94
91) Benzo(g,h,i)perylene	24.41	276	461416	78.95	ng		99

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

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