Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079895.D
Acq On : 11 Jun 2015 15:06
Operator : TP/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
apatel
6/13/2015 8:43:31 AM

Quant Time: Jun 12 01:33:09 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 00:59:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	47480	20.00	ng		0.00
21) Naphthalene-d8	8.68	136	204505	20.00	ng		0.00
38) Acenaphthene-d10	10.47	164	105502	20.00	ng		0.01
63) Phenanthrene-d10	11.99	188	230441	20.00	ng		0.01
75) Chrysene-d12	15.15	240	248402m	20.00	ng		0.16
86) Perylene-d12	17.18	264	237115	20.00	ng		0.25
System Monitoring Compounds							
5) 2-Fluorophenol	6.01	112	434680	153.39	ng		0.01
7) Phenol-d6	6.99	99	578231	155.98	ng		0.00
23) Nitrobenzene-d5	7.95	82	553178	160.89	ng		0.00
41) 2,4,6-Tribromophenol	11.26	330	167443	177.83	ng		0.00
44) 2-Fluorobiphenyl	9.77	172	1132795	151.32	ng		0.01
78) Terphenyl-d14	13.77	244	1625099	148.66	ng		0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	93850	72.41	ng		99
3) Pyridine	4.10	79	305769	90.22	ng		93
4) n-Nitrosodimethylamine	4.03	42	125143	74.01	ng	#	98
6) Aniline	7.05	93	433457	81.18	ng		96
8) 2-Chlorophenol	7.18	128	255363	78.27	ng		94
9) Benzaldehyde	6.94	77	143508	67.36	ng		98
10) Phenol	7.00	94	292324	73.50	ng		87
11) bis(2-Chloroethyl)ether	7.11	93	228572	72.50	ng		89
12) 1,3-Dichlorobenzene	7.34	146	299153	80.22	ng		98
13) 1,4-Dichlorobenzene	7.42	146	328831	78.88	ng		98
14) 1,2-Dichlorobenzene	7.58	146	283291	78.33	ng	#	91
15) Benzyl Alcohol	7.52	79	250572	84.55	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.66	45	374042	77.75	ng		99
17) 2-Methylphenol	7.62	107	222405	79.90	ng		97
18) Hexachloroethane	7.92	117	102510	78.77	ng		96
19) n-Nitroso-di-n-propylamine	7.79	70	213499	81.33	ng	#	92
20) 3+4-Methylphenols	7.77	107	290079	80.30	ng		97
22) Acetophenone	7.79	105	373940	74.08	ng	#	94
24) Nitrobenzene	7.98	77	290888	82.46	ng	#	79
25) Isophorone	8.20	82	540047	72.84	ng		96
26) 2-Nitrophenol	8.30	139	117200	86.79	ng		98
27) 2,4-Dimethylphenol	8.31	122	243416	73.35	ng		97
28) bis(2-Chloroethoxy)methane	8.41	93	361194	81.37	ng		100
29) 2,4-Dichlorophenol	8.54	162	237547	84.62	ng		84
30) 1,2,4-Trichlorobenzene	8.63	180	286329	79.46	ng		98
31) Naphthalene	8.71	128	832270	76.10	ng		99
32) Benzoic acid	8.39	122	110663	110.23	ng		99
33) 4-Chloroaniline	8.74	127	332174m	75.41	ng		
34) Hexachlorobutadiene	8.83	225	157479	79.79	ng		98
35) Caprolactam	9.10	113	71694	84.29	ng	#	70
36) 4-Chloro-3-methylphenol	9.21	107	244794	79.35	ng		93
37) 2-Methylnaphthalene	9.40	142	583424	75.40	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.58	216	287152	78.78	ng		99
40) Hexachlorocyclopentadiene	9.56	237	126731	75.49	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.68	196	193466	86.93	ng		98
43) 2,4,5-Trichlorophenol	9.71	196	191839	82.21	ng		94
45) 1,1'-Biphenyl	9.87	154	704707	81.08	ng		94
46) 2-Chloronaphthalene	9.90	162	552704	77.12	ng		98
47) 2-Nitroaniline	9.99	65	135392	86.89	ng	#	42
48) Acenaphthylene	10.32	152	937505	76.61	ng		99
49) Dimethylphthalate	10.16	163	708639	85.23	ng		99
50) 2,6-Dinitrotoluene	10.22	165	127166	87.66	ng	#	80
51) Acenaphthene	10.50	154	558778	78.83	ng		98
52) 3-Nitroaniline	10.40	138	159765	89.83	ng	#	70
53) 2,4-Dinitrophenol	10.50	184	26041	83.69	ng	#	1
54) Dibenzofuran	10.67	168	818670	81.86	ng		90
55) 4-Nitrophenol	10.54	139	130630	102.01	ng	#	65
56) 2,4-Dinitrotoluene	10.63	165	172113	93.45	ng	#	74
57) Fluorene	11.02	166	659076	74.20	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.78	232	158343	91.25	ng		99
59) Diethylphthalate	10.87	149	642407	78.57	ng	#	93
60) 4-Chlorophenyl-phenylether	11.00	204	310049	80.43	ng	#	77
61) 4-Nitroaniline	11.02	138	166678	94.55	ng		86
62) Azobenzene	11.16	77	676283	84.50	ng		86
64) 4,6-Dinitro-2-methylphenol	11.05	198	48071	77.38	ng	#	67
65) n-Nitrosodiphenylamine	11.12	169	585513	75.97	ng		100
66) 4-Bromophenyl-phenylether	11.51	248	194774	72.26	ng	#	90
67) Hexachlorobenzene	11.59	284	228457	81.42	ng	#	93
68) Atrazine	11.64	200	193229	87.19	ng		98
69) Pentachlorophenol	11.78	266	108555	103.95	ng		99
70) Phenanthrene	12.01	178	1033025	74.26	ng		99
71) Anthracene	12.07	178	1009150	75.10	ng		99
72) Carbazole	12.23	167	1001321	78.91	ng		99
73) Di-n-butylphthalate	12.57	149	1123968	85.48	ng		99
74) Fluoranthene	13.35	202	1168753	79.92	ng		97
76) Benzidine	13.46	184	546145	75.63	ng		98
77) Pyrene	13.62	202	1232052	80.11	ng		98
79) Butylbenzylphthalate	14.37	149	469894	89.58	ng	#	82
80) Benzo(a)anthracene	15.14	228	1172573	79.48	ng		99
81) 3,3'-Dichlorobenzidine	15.09	252	419337	89.90	ng		99
82) Chrysene	15.19	228	1109123	80.14	ng		98
83) Bis(2-ethylhexyl)phthalate	15.12	149	726124	88.90	ng	#	97
84) Di-n-octyl phthalate	16.01	149	1239961	96.48	ng		99
85) Indeno(1,2,3-cd)pyrene	19.13	276	1297275	87.88	ng		99
87) Benzo(b)fluoranthene	16.62	252	1146036	81.29	ng		100
88) Benzo(k)fluoranthene	16.65	252	1192396	81.26	ng		98
89) Benzo(a)pyrene	17.10	252	1100079	82.60	ng		98
90) Dibenzo(a,h)anthracene	19.15	278	1062397	86.27	ng		99
91) Benzo(g,h,i)perylene	19.71	276	1112005	85.40	ng		98

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

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