Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071715\
Data File : BF080537.D
Acq On : 17 Jul 2015 17:01
Operator : TP/UM
Sample : SSTDICC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
apatel
7/20/2015 3:40:39 PM

Quant Time: Jul 17 23:58:21 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 17 23:13:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	45515	20.00	ng		0.00
21) Naphthalene-d8	8.35	136	178254	20.00	ng		0.00
38) Acenaphthene-d10	10.11	164	84801	20.00	ng		0.00
63) Phenanthrene-d10	11.60	188	155779	20.00	ng		0.00
75) Chrysene-d12	14.43	240	135894	20.00	ng		0.08
86) Perylene-d12	16.16	264	119973	20.00	ng		0.15
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	264051	98.12	ng		0.00
7) Phenol-d6	6.70	99	305027	85.24	ng		0.00
23) Nitrobenzene-d5	7.63	82	287424	95.97	ng		0.00
41) 2,4,6-Tribromophenol	10.90	330	77321	114.77	ng		0.00
44) 2-Fluorobiphenyl	9.42	172	535779	86.56	ng		0.00
78) Terphenyl-d14	13.22	244	528003	81.47	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	60691	47.06	ng		96
3) Pyridine	3.66	79	111321	40.70	ng		94
4) n-Nitrosodimethylamine	3.52	42	78646	47.64	ng		99
6) Aniline	6.74	93	203264	44.08	ng		99
8) 2-Chlorophenol	6.85	128	145888	49.08	ng		98
9) Benzaldehyde	6.62	77	80929	34.48	ng		98
10) Phenol	6.73	94	168584	43.71	ng		98
11) bis(2-Chloroethyl)ether	6.80	93	134804	47.81	ng		97
12) 1,3-Dichlorobenzene	7.00	146	163991	44.34	ng		99
13) 1,4-Dichlorobenzene	7.08	146	178242	46.14	ng		99
14) 1,2-Dichlorobenzene	7.24	146	160261	47.00	ng		100
15) Benzyl Alcohol	7.22	79	102777	42.30	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.33	45	230214	45.85	ng		93
17) 2-Methylphenol	7.33	107	108529	45.96	ng		96
18) Hexachloroethane	7.58	117	57849	50.20	ng		95
19) n-Nitroso-di-n-propylamine	7.47	70	98201	45.47	ng		96
20) 3+4-Methylphenols	7.48	107	166138	51.41	ng		99
22) Acetophenone	7.47	105	187259	48.19	ng	#	96
24) Nitrobenzene	7.65	77	151714	49.75	ng		99
25) Isophorone	7.88	82	272163	51.52	ng		98
26) 2-Nitrophenol	7.97	139	76529	56.84	ng		98
27) 2,4-Dimethylphenol	8.01	122	139305	54.15	ng		98
28) bis(2-Chloroethoxy)methane	8.10	93	143432	46.79	ng		99
29) 2,4-Dichlorophenol	8.21	162	113991	49.53	ng		98
30) 1,2,4-Trichlorobenzene	8.29	180	139929	51.68	ng		99
31) Naphthalene	8.37	128	416804	47.41	ng		99
32) Benzoic acid	8.10	122	62846	48.47	ng		95
33) 4-Chloroaniline	8.43	127	182154	53.35	ng		98
34) Hexachlorobutadiene	8.49	225	62967	41.52	ng		98
35) Caprolactam	8.77	113	28430	51.88	ng	#	67
36) 4-Chloro-3-methylphenol	8.91	107	128251	52.18	ng		99
37) 2-Methylnaphthalene	9.07	142	259152m	49.59	ng		
39) 1,2,4,5-Tetrachlorobenzene	9.23	216	123496	45.73	ng		99
40) Hexachlorocyclopentadiene	9.22	237	61276	46.78	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.34	196	77092	47.51	ng		98
43) 2,4,5-Trichlorophenol	9.39	196	80276	46.89	ng		95
45) 1,1'-Biphenyl	9.53	154	313151	45.16	ng		99
46) 2-Chloronaphthalene	9.55	162	228801	43.91	ng		99
47) 2-Nitroaniline	9.65	65	62488	47.57	ng		97
48) Acenaphthylene	9.97	152	412194	48.03	ng		100
49) Dimethylphthalate	9.82	163	276980	48.20	ng		99
50) 2,6-Dinitrotoluene	9.89	165	55708	49.36	ng	#	44
51) Acenaphthene	10.14	154	252195	49.14	ng		99
52) 3-Nitroaniline	10.06	138	65312	52.04	ng		91
53) 2,4-Dinitrophenol	10.17	184	28752	59.32	ng		86
54) Dibenzofuran	10.32	168	333492	45.28	ng		98
55) 4-Nitrophenol	10.24	139	50509	56.22	ng		92
56) 2,4-Dinitrotoluene	10.29	165	84381	51.89	ng		97
57) Fluorene	10.66	166	286993	49.55	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.44	232	55514	44.39	ng		96
59) Diethylphthalate	10.52	149	264338	48.52	ng		98
60) 4-Chlorophenyl-phenylether	10.65	204	122927	47.41	ng		94
61) 4-Nitroaniline	10.68	138	69643	56.00	ng		93
62) Azobenzene	10.81	77	267838	47.53	ng	#	78
64) 4,6-Dinitro-2-methylphenol	10.70	198	36987	50.04	ng		100
65) n-Nitrosodiphenylamine	10.76	169	241031	45.89	ng		99
66) 4-Bromophenyl-phenylether	11.14	248	66149	44.31	ng	#	92
67) Hexachlorobenzene	11.21	284	79930	47.71	ng	#	92
68) Atrazine	11.29	200	58111	41.31	ng		86
69) Pentachlorophenol	11.41	266	35020	45.56	ng		95
70) Phenanthrene	11.62	178	386981	44.52	ng		100
71) Anthracene	11.68	178	382580	46.40	ng		99
72) Carbazole	11.84	167	342736	47.22	ng		98
73) Di-n-butylphthalate	12.15	149	404432	48.85	ng	#	99
74) Fluoranthene	12.84	202	362907	44.75	ng		95
76) Benzidine	12.97	184	175908	40.88	ng		99
77) Pyrene	13.08	202	389978	44.46	ng		99
79) Butylbenzylphthalate	13.75	149	152421	49.17	ng		92
80) Benzo(a)anthracene	14.42	228	357507	47.15	ng		99
81) 3,3'-Dichlorobenzidine	14.37	252	112952	46.07	ng	#	97
82) Chrysene	14.47	228	331999	44.98	ng		99
83) Bis(2-ethylhexyl)phthalate	14.39	149	214631	46.86	ng	#	97
84) Di-n-octyl phthalate	15.14	149	329370	48.02	ng		99
85) Indeno(1,2,3-cd)pyrene	17.75	276	376025	42.42	ng		97
87) Benzo(b)fluoranthene	15.68	252	367523	53.02	ng	#	95
88) Benzo(k)fluoranthene	15.71	252	304172m	42.99	ng		
89) Benzo(a)pyrene	16.08	252	304805	47.20	ng	#	92
90) Dibenzo(a,h)anthracene	17.76	278	315514	44.82	ng		97
91) Benzo(g,h,i)perylene	18.23	276	301106	41.33	ng		98

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

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