Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
Data File : BF079750.D
Acq On : 6 Jun 2015 2:35
Operator : TP/IZ
Sample : G2443-03MSD 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-024MSD

Manual Integrations APPROVED
apatel
6/9/2015 8:10:23 AM

Quant Time: Jun 08 15:48:35 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 08 15:29:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	49465	20.00	ng		-0.01
21) Naphthalene-d8	8.79	136	200355	20.00	ng		0.00
38) Acenaphthene-d10	10.56	164	112255	20.00	ng		0.00
63) Phenanthrene-d10	12.07	188	232827	20.00	ng		0.00
75) Chrysene-d12	14.96	240	255350	20.00	ng		0.02
86) Perylene-d12	16.88	264	256846	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.10	112	24664	8.36	ng		0.00
7) Phenol-d6	7.07	99	32544	8.54	ng		-0.01
23) Nitrobenzene-d5	8.04	82	14244	4.36	ng		0.00
41) 2,4,6-Tribromophenol	11.35	330	6692	6.23	ng		-0.01
44) 2-Fluorobiphenyl	9.85	172	38970	4.70	ng		-0.01
78) Terphenyl-d14	13.73	244	52482	4.71	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	2766	2.12	ng	#	82
3) Pyridine	4.34	79	8004m	2.19	ng		
4) n-Nitrosodimethylamine	4.22	42	4283	2.70	ng	#	70
8) 2-Chlorophenol	7.27	128	9002	2.82	ng		99
10) Phenol	7.08	94	10565	2.55	ng		78
11) bis(2-Chloroethyl)ether	7.20	93	10032	3.12	ng		99
12) 1,3-Dichlorobenzene	7.44	146	10021	2.51	ng	#	89
13) 1,4-Dichlorobenzene	7.51	146	10853	2.56	ng		97
14) 1,2-Dichlorobenzene	7.67	146	9782	2.47	ng		95
15) Benzyl Alcohol	7.61	79	7642	2.43	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.75	45	14049	2.89	ng		100
17) 2-Methylphenol	7.71	107	7007	2.35	ng		95
18) Hexachloroethane	8.01	117	2893	2.35	ng		86
19) n-Nitroso-di-n-propylamine	7.87	70	7111	2.69	ng		93
20) 3+4-Methylphenols	7.86	107	9697	2.55	ng		89
22) Acetophenone	7.88	105	13835	2.89	ng	#	97
24) Nitrobenzene	8.06	77	7786	2.39	ng		96
25) Isophorone	8.30	82	19261	2.89	ng		98
27) 2,4-Dimethylphenol	8.40	122	9098	2.95	ng		97
28) bis(2-Chloroethoxy)methane	8.50	93	11037	2.68	ng	#	96
29) 2,4-Dichlorophenol	8.62	162	7797	2.82	ng		95
30) 1,2,4-Trichlorobenzene	8.72	180	9989	2.97	ng		94
31) Naphthalene	8.80	128	30673	2.92	ng		97
32) Benzoic acid	8.40	122	9098	12.04	ng	#	13
34) Hexachlorobutadiene	8.92	225	5528	2.70	ng		97
35) Caprolactam	9.15	113	1985	2.35	ng		90
36) 4-Chloro-3-methylphenol	9.30	107	7479	2.42	ng		93
37) 2-Methylnaphthalene	9.50	142	19153m	2.87	ng		
39) 1,2,4,5-Tetrachlorobenzene	9.67	216	10390	2.97	ng	#	94
42) 2,4,6-Trichlorophenol	9.77	196	5625	2.42	ng		95
43) 2,4,5-Trichlorophenol	9.80	196	5811	2.38	ng		97
45) 1,1'-Biphenyl	9.96	154	26363	2.70	ng		98
46) 2-Chloronaphthalene	10.00	162	18207	2.28	ng	#	90
48) Acenaphthylene	10.42	152	49979	3.79	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Dimethylphthalate	10.24	163	28815	3.33	ng		99
50) 2,6-Dinitrotoluene	10.31	165	1877	2.64	ng	#	72
51) Acenaphthene	10.59	154	24828	3.33	ng		98
54) Dibenzofuran	10.77	168	37274	3.53	ng		99
55) 4-Nitrophenol	10.62	139	5309	3.89	ng		97
56) 2,4-Dinitrotoluene	10.72	165	2474	3.44	ng	#	82
57) Fluorene	11.11	166	30993	3.39	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.88	232	4142	2.09	ng	#	93
59) Diethylphthalate	10.95	149	24604	2.91	ng		99
60) 4-Chlorophenyl-phenylether	11.10	204	10358	2.50	ng	#	77
62) Azobenzene	11.26	77	20439	2.39	ng		81
64) 4,6-Dinitro-2-methylphenol	11.13	198	248	Below Cal		#	1
65) n-Nitrosodiphenylamine	11.20	169	18869	2.43	ng		98
66) 4-Bromophenyl-phenylether	11.59	248	5982	2.37	ng		90
67) Hexachlorobenzene	11.68	284	7135	2.52	ng		97
68) Atrazine	11.73	200	5130	2.19	ng		97
69) Pentachlorophenol	11.86	266	4340	4.70	ng		100
70) Phenanthrene	12.09	178	256186	18.79	ng		98
71) Anthracene	12.15	178	64207	4.78	ng		99
72) Carbazole	12.29	167	49139	3.85	ng		97
73) Di-n-butylphthalate	12.61	149	38638	2.67	ng	#	84
74) Fluoranthene	13.34	202	383569	25.70	ng		96
76) Benzidine	12.07	184	34764m	4.31	ng		
77) Pyrene	13.59	202	326203	20.84	ng		98
79) Butylbenzylphthalate	14.24	149	15965	2.56	ng		96
80) Benzo(a)anthracene	14.95	228	170179	10.89	ng		100
82) Chrysene	14.99	228	172487	11.94	ng		98
83) Bis(2-ethylhexyl)phthalate	14.90	149	25425	2.58	ng		98
84) Di-n-octyl phthalate	15.68	149	42540	2.45	ng	#	98
85) Indeno(1,2,3-cd)pyrene	18.87	276	117447	7.02	ng		95
87) Benzo(b)fluoranthene	16.31	252	230059m	14.42	ng		
88) Benzo(k)fluoranthene	16.34	252	80991m	5.29	ng		
89) Benzo(a)pyrene	16.80	252	144604	9.82	ng		99
90) Dibenzo(a,h)anthracene	18.89	278	50836	3.58	ng		98
91) Benzo(g,h,i)perylene	19.46	276	110803	7.54	ng		99

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

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