Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081640.D
Acq On : 15 Sep 2015 21:38
Operator : UM/IZ
Sample : G3612-04MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-20MSD

Manual Integrations APPROVED
MMDadoda
9/16/2015 1:24:13 PM

Quant Time: Sep 16 04:47:46 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	51857	20.00	ng		0.00
21) Naphthalene-d8	11.12	136	206584	20.00	ng		0.00
38) Acenaphthene-d10	15.26	164	94102	20.00	ng		0.00
63) Phenanthrene-d10	18.77	188	170079	20.00	ng		0.01
75) Chrysene-d12	23.38	240	109955	20.00	ng		0.00
86) Perylene-d12	24.82	264	84003	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	424677	127.06	ng		0.03
7) Phenol-d6	7.66	99	593178	134.08	ng		0.01
23) Nitrobenzene-d5	9.52	82	391630	91.46	ng		-0.01
41) 2,4,6-Tribromophenol	17.17	330	110043	131.33	ng		0.00
44) 2-Fluorobiphenyl	13.77	172	612804	83.45	ng		0.00
78) Terphenyl-d14	22.12	244	449996	95.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.61	88	46540m	31.00	ng		
3) Pyridine	2.11	79	145053	35.04	ng	#	74
4) n-Nitrosodimethylamine	2.09	42	106812	46.45	ng	#	60
6) Aniline	7.52	93	106803	17.10	ng	#	82
8) 2-Chlorophenol	7.77	128	158857	43.13	ng	#	78
9) Benzaldehyde	7.23	77	87407	31.53	ng	#	75
10) Phenol	7.68	94	223519	43.57	ng	#	55
11) bis(2-Chloroethyl)ether	7.76	93	172041	46.48	ng	#	67
12) 1,3-Dichlorobenzene	8.07	146	162122	41.20	ng	#	89
13) 1,4-Dichlorobenzene	8.25	146	164562	41.07	ng	#	88
14) 1,2-Dichlorobenzene	8.57	146	159749	44.28	ng	#	88
15) Benzyl Alcohol	8.66	79	164288	45.27	ng	#	71
16) 2,2'-oxybis(1-Chloropropan	8.98	45	363124	51.18	ng		90
17) 2-Methylphenol	9.01	107	130794	44.51	ng	#	80
18) Hexachloroethane	9.31	117	62676	40.21	ng	#	85
19) n-Nitroso-di-n-propylamine	9.29	70	139177	46.22	ng	#	90
20) 3+4-Methylphenols	9.38	107	174884	44.14	ng		84
22) Acetophenone	9.20	105	249095	44.15	ng	#	73
24) Nitrobenzene	9.57	77	200583	45.11	ng	#	65
25) Isophorone	10.16	82	356528	44.77	ng	#	85
26) 2-Nitrophenol	10.30	139	80009	41.28	ng	#	37
27) 2,4-Dimethylphenol	10.57	122	145647	43.51	ng	#	72
28) bis(2-Chloroethoxy)methane	10.75	93	213861	46.49	ng	#	90
29) 2,4-Dichlorophenol	10.91	162	130510	44.96	ng		91
30) 1,2,4-Trichlorobenzene	11.03	180	137032	43.46	ng		98
31) Naphthalene	11.17	128	477521	43.34	ng		99
32) Benzoic acid	10.96	122	13238m	7.79	ng		
33) 4-Chloroaniline	11.41	127	49354	10.98	ng	#	84
34) Hexachlorobutadiene	11.52	225	87764	45.73	ng		99
35) Caprolactam	12.33	113	37633m	42.27	ng		
36) 4-Chloro-3-methylphenol	12.74	107	155305	47.80	ng	#	79
37) 2-Methylnaphthalene	12.82	142	311691	43.47	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	135953	45.68	ng		98
40) Hexachlorocyclopentadiene	13.21	237	34848	23.86	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.58	196	90494	44.06	ng		99
43) 2,4,5-Trichlorophenol	13.69	196	95032	45.35	ng	#	90
45) 1,1'-Biphenyl	13.97	154	375111	43.33	ng		95
46) 2-Chloronaphthalene	13.96	162	273718	43.78	ng	#	86
47) 2-Nitroaniline	14.31	65	116812	45.84	ng	#	64
48) Acenaphthylene	14.92	152	461120	41.57	ng		98
49) Dimethylphthalate	14.86	163	517265	70.75	ng	#	96
50) 2,6-Dinitrotoluene	14.95	165	67718	40.81	ng	#	35
51) Acenaphthene	15.34	154	260740	41.32	ng		90
52) 3-Nitroaniline	15.30	138	45976	24.34	ng	#	53
53) 2,4-Dinitrophenol	15.60	184	15154	23.12	ng	#	19
54) Dibenzofuran	15.76	168	407404	44.22	ng	#	85
55) 4-Nitrophenol	15.93	139	95109	80.14	ng	#	3
56) 2,4-Dinitrotoluene	15.90	165	90732	42.94	ng	#	53
57) Fluorene	16.57	166	313222	44.80	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.13	232	72014m	45.02	ng		
59) Diethylphthalate	16.55	149	369794	48.08	ng		95
60) 4-Chlorophenyl-phenylether	16.66	204	153228	47.02	ng	#	84
61) 4-Nitroaniline	16.78	138	60189	31.54	ng	#	31
62) Azobenzene	17.03	77	394530	46.14	ng		83
64) 4,6-Dinitro-2-methylphenol	16.87	198	20941	22.01	ng		87
65) n-Nitrosodiphenylamine	16.98	169	274518	44.36	ng		93
66) 4-Bromophenyl-phenylether	17.81	248	79412	46.18	ng	#	90
67) Hexachlorobenzene	17.86	284	77583	43.15	ng	#	87
68) Atrazine	18.39	200	94084	52.53	ng	#	79
69) Pentachlorophenol	18.41	266	68175	78.11	ng		99
70) Phenanthrene	18.82	178	415547	43.95	ng		97
71) Anthracene	18.95	178	403325	41.52	ng		98
72) Carbazole	19.42	167	366550	40.21	ng		96
73) Di-n-butylphthalate	20.47	149	532895	49.51	ng	#	97
74) Fluoranthene	21.43	202	374694	36.61	ng		90
76) Benzidine	21.75	184	121245	25.69	ng		97
77) Pyrene	21.78	202	378886	46.52	ng		98
79) Butylbenzylphthalate	22.80	149	175889	49.65	ng	#	73
80) Benzo(a)anthracene	23.37	228	305656	43.65	ng		96
81) 3,3'-Dichlorobenzidine	23.38	252	82455	34.91	ng	#	94
82) Chrysene	23.42	228	284871	45.38	ng		95
83) Bis(2-ethylhexyl)phthalate	23.50	149	266782	57.07	ng	#	92
84) Di-n-octyl phthalate	24.15	149	418238	54.34	ng	#	93
85) Indeno(1,2,3-cd)pyrene	25.88	276	170531	37.03	ng	#	85
87) Benzo(b)fluoranthene	24.48	252	250911m	41.84	ng		
88) Benzo(k)fluoranthene	24.50	252	229046m	46.03	ng		
89) Benzo(a)pyrene	24.78	252	238156	46.86	ng	#	82
90) Dibenzo(a,h)anthracene	25.89	278	147048	37.45	ng	#	77
91) Benzo(g,h,i)perylene	26.17	276	128001	34.15	ng	#	75

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

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