Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082238.D
Acq On : 13 Oct 2015 2:28
Operator : UM/IZ
Sample : G3990-13MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW(40)MS

Manual Integrations APPROVED
MMdadoda
10/13/2015 1:25:05 PM

Quant Time: Oct 13 06:40:46 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 13 06:28:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	65075	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	259983	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	127925	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	256122	20.00	ng		0.00
75) Chrysene-d12	14.01	240	228723	20.00	ng		0.00
86) Perylene-d12	15.44	264	191252	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	222969	69.15	ng		0.01
7) Phenol-d6	6.47	99	188109	44.83	ng		0.00
23) Nitrobenzene-d5	7.41	82	429035	110.82	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	203107	169.30	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	820496	106.37	ng		0.00
78) Terphenyl-d14	12.95	244	874001	101.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	30806	19.02	ng		98
3) Pyridine	3.15	79	62514	16.59	ng		98
4) n-Nitrosodimethylamine	3.10	42	28668	17.94	ng	#	97
6) Aniline	6.49	93	146893	27.15	ng		97
8) 2-Chlorophenol	6.62	128	174597	44.36	ng		94
9) Benzaldehyde	6.38	77	117869	55.01	ng		94
10) Phenol	6.48	94	81250	16.79	ng		93
11) bis(2-Chloroethyl)ether	6.57	93	217628	53.20	ng		97
12) 1,3-Dichlorobenzene	6.77	146	206931	45.14	ng		96
13) 1,4-Dichlorobenzene	6.85	146	210375	43.94	ng		96
14) 1,2-Dichlorobenzene	7.01	146	210076m	46.21	ng		
15) Benzyl Alcohol	6.98	79	101845	35.16	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	302259	53.06	ng		98
17) 2-Methylphenol	7.10	107	111411	35.79	ng		99
18) Hexachloroethane	7.34	117	68071	41.54	ng	#	89
19) n-Nitroso-di-n-propylamine	7.26	70	151189	51.31	ng		97
20) 3+4-Methylphenols	7.25	107	115846	31.23	ng	#	19
22) Acetophenone	7.25	105	278396	54.13	ng		94
24) Nitrobenzene	7.43	77	210488	50.23	ng	#	80
25) Isophorone	7.66	82	397240	50.84	ng		99
26) 2-Nitrophenol	7.74	139	107524	51.39	ng	#	86
27) 2,4-Dimethylphenol	7.78	122	161276	47.84	ng		96
28) bis(2-Chloroethoxy)methane	7.87	93	245763	54.06	ng		98
29) 2,4-Dichlorophenol	7.99	162	170822	50.69	ng		94
30) 1,2,4-Trichlorobenzene	8.06	180	180695	46.52	ng		97
31) Naphthalene	8.15	128	556812	49.41	ng		99
32) Benzoic acid	7.86	122	33755	14.92	ng		94
33) 4-Chloroaniline	8.19	127	146924	31.39	ng		97
34) Hexachlorobutadiene	8.25	225	103313	42.69	ng		98
35) Caprolactam	8.57	113	7428	7.59	ng	#	80
36) 4-Chloro-3-methylphenol	8.67	107	157512	47.80	ng		97
37) 2-Methylnaphthalene	8.83	142	412687	52.82	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	201923	53.07	ng		97
40) Hexachlorocyclopentadiene	8.98	237	169327	87.12	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	128388	50.80	ng		98
43) 2,4,5-Trichlorophenol	9.15	196	147761	53.97	ng	#	93
45) 1,1'-Biphenyl	9.30	154	548264	56.20	ng		96
46) 2-Chloronaphthalene	9.33	162	421629	54.90	ng		95
47) 2-Nitroaniline	9.43	65	128420	60.91	ng		89
48) Acenaphthylene	9.74	152	628133	52.51	ng		100
49) Dimethylphthalate	9.61	163	527801	58.59	ng		98
50) 2,6-Dinitrotoluene	9.67	165	103251	54.32	ng	#	74
51) Acenaphthene	9.91	154	378526	52.71	ng		98
52) 3-Nitroaniline	9.84	138	71843	33.46	ng		89
53) 2,4-Dinitrophenol	9.95	184	115473	106.42	ng		89
54) Dibenzofuran	10.08	168	563049	57.11	ng		96
55) 4-Nitrophenol	10.01	139	45884	38.77	ng		95
56) 2,4-Dinitrotoluene	10.08	165	150988	63.56	ng		89
57) Fluorene	10.42	166	441375	54.50	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	133643	59.75	ng		92
59) Diethylphthalate	10.31	149	501759	59.76	ng		96
60) 4-Chlorophenyl-phenylether	10.42	204	223350	60.21	ng	#	85
61) 4-Nitroaniline	10.46	138	110723	53.17	ng		95
62) Azobenzene	10.58	77	479529	58.35	ng		90
64) 4,6-Dinitro-2-methylphenol	10.48	198	72505	50.44	ng	#	63
65) n-Nitrosodiphenylamine	10.54	169	315203	41.10	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	140448	54.79	ng	#	84
67) Hexachlorobenzene	10.97	284	147195	53.10	ng	#	77
68) Atrazine	11.07	200	150028	61.75	ng		98
69) Pentachlorophenol	11.18	266	157445	110.37	ng		97
70) Phenanthrene	11.39	178	730087	58.15	ng		100
71) Anthracene	11.44	178	728232	56.29	ng		99
72) Carbazole	11.60	167	657504	55.71	ng		99
73) Di-n-butylphthalate	11.93	149	809620	55.61	ng		99
74) Fluoranthene	12.58	202	802030	59.48	ng		97
76) Benzidine	12.71	184	197988	29.87	ng		98
77) Pyrene	12.81	202	843888	62.17	ng		98
79) Butylbenzylphthalate	13.43	149	361654	58.38	ng		94
80) Benzo(a)anthracene	14.00	228	676343	56.83	ng		100
81) 3,3'-Dichlorobenzidine	13.97	252	117759	26.07	ng	#	97
82) Chrysene	14.04	228	663833	52.94	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	464698	52.58	ng	#	97
84) Di-n-octyl phthalate	14.60	149	736156	48.50	ng		100
85) Indeno(1,2,3-cd)pyrene	16.86	276	599639	60.16	ng		100
87) Benzo(b)fluoranthene	15.03	252	569536m	48.95	ng		
88) Benzo(k)fluoranthene	15.06	252	612649m	62.64	ng		
89) Benzo(a)pyrene	15.38	252	546102	54.61	ng		98
90) Dibenzo(a,h)anthracene	16.87	278	495981	60.52	ng		98
91) Benzo(g,h,i)perylene	17.28	276	507220	63.71	ng		99

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

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