Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078475.D
Acq On : 13 Apr 2015 22:24
Operator : TP/IZ
Sample : G1677-12MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)MS

Manual Integrations APPROVED
apatel
4/14/2015 5:25:07 PM

Quant Time: Apr 14 11:16:58 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 01:02:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	40792	20.00	ng		0.00
21) Naphthalene-d8	8.41	136	167624	20.00	ng		0.00
38) Acenaphthene-d10	10.56	164	83494	20.00	ng		-0.01
63) Phenanthrene-d10	12.39	188	164561	20.00	ng		0.00
75) Chrysene-d12	15.65	240	162233	20.00	ng		-0.01
86) Perylene-d12	17.35	264	156607	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	132152	53.41	ng		0.00
7) Phenol-d6	6.42	99	104051	33.56	ng		-0.01
23) Nitrobenzene-d5	7.53	82	239468	86.59	ng		-0.01
41) 2,4,6-Tribromophenol	11.54	330	101621	146.75	ng		0.00
44) 2-Fluorobiphenyl	9.76	172	551813	94.47	ng		0.00
78) Terphenyl-d14	14.38	244	606487	84.47	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.61	88	72840	65.11	ng	#	23
3) Pyridine	2.24	79	39333	13.42	ng	#	93
4) n-Nitrosodimethylamine	2.17	42	17666m	15.66	ng		
6) Aniline	6.41	93	92299	20.99	ng		94
8) 2-Chlorophenol	6.56	128	94411	32.27	ng		97
9) Benzaldehyde	6.27	77	33767	16.43	ng	#	86
10) Phenol	6.44	94	43426	11.69	ng		97
11) bis(2-Chloroethyl)ether	6.54	93	110776	41.46	ng		96
12) 1,3-Dichlorobenzene	6.74	146	120935	37.63	ng		97
13) 1,4-Dichlorobenzene	6.84	146	123401	38.15	ng		98
14) 1,2-Dichlorobenzene	7.03	146	119354	39.35	ng		100
15) Benzyl Alcohol	7.03	79	60330	27.69	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.21	45	156884	44.02	ng		98
17) 2-Methylphenol	7.20	107	59907	26.38	ng	#	91
18) Hexachloroethane	7.45	117	41922	38.43	ng		93
19) n-Nitroso-di-n-propylamine	7.37	70	89455	43.73	ng		97
20) 3+4-Methylphenols	7.39	107	69547	22.95	ng		94
22) Acetophenone	7.35	105	177629	45.48	ng	#	90
24) Nitrobenzene	7.55	77	122339	42.32	ng	#	84
25) Isophorone	7.86	82	231060	44.02	ng		99
26) 2-Nitrophenol	7.95	139	53213	38.63	ng		93
27) 2,4-Dimethylphenol	8.03	122	89989	35.13	ng		94
28) bis(2-Chloroethoxy)methane	8.15	93	142522	42.35	ng		99
29) 2,4-Dichlorophenol	8.25	162	92803	39.82	ng		90
30) 1,2,4-Trichlorobenzene	8.34	180	107097	40.08	ng		97
31) Naphthalene	8.43	128	471799	54.08	ng		99
32) Benzoic acid	8.14	122	5740	9.98	ng		92
33) 4-Chloroaniline	8.52	127	113278	31.29	ng		95
34) Hexachlorobutadiene	8.59	225	59536	40.58	ng		96
35) Caprolactam	8.95	113	4179	6.01	ng		97
36) 4-Chloro-3-methylphenol	9.14	107	88765	37.75	ng		94
37) 2-Methylnaphthalene	9.29	142	292067	49.31	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.50	216	108578	41.97	ng		97
40) Hexachlorocyclopentadiene	9.48	237	87106	78.36	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.66	196	68987	42.28	ng		97
43) 2,4,5-Trichlorophenol	9.70	196	70596	41.42	ng	#	87
45) 1,1'-Biphenyl	9.87	154	305240	44.69	ng		98
46) 2-Chloronaphthalene	9.88	162	231304	43.05	ng		99
47) 2-Nitroaniline	10.03	65	63880	48.05	ng	#	62
48) Acenaphthylene	10.39	152	367408	42.34	ng		99
49) Dimethylphthalate	10.27	163	272484	43.44	ng	#	98
50) 2,6-Dinitrotoluene	10.34	165	60319	46.74	ng	#	69
51) Acenaphthene	10.60	154	221209	45.28	ng		98
52) 3-Nitroaniline	10.54	138	53499	36.46	ng		92
53) 2,4-Dinitrophenol	10.68	184	24876	57.93	ng	#	84
54) Dibenzofuran	10.82	168	341430	45.76	ng		97
55) 4-Nitrophenol	10.79	139	19400m	20.10	ng		
56) 2,4-Dinitrotoluene	10.83	165	79690	47.68	ng		86
57) Fluorene	11.25	166	281465	46.54	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.98	232	55478	43.90	ng	#	99
59) Diethylphthalate	11.14	149	277650	45.91	ng		98
60) 4-Chlorophenyl-phenylether	11.26	204	129830	46.66	ng	#	82
61) 4-Nitroaniline	11.29	138	63027	42.49	ng		97
62) Azobenzene	11.45	77	294424	53.34	ng		93
64) 4,6-Dinitro-2-methylphenol	11.34	198	25055	33.76	ng	#	56
65) n-Nitrosodiphenylamine	11.41	169	233651	41.05	ng		99
66) 4-Bromophenyl-phenylether	11.85	248	75548	43.35	ng		91
67) Hexachlorobenzene	11.91	284	79786	41.78	ng		99
68) Atrazine	12.09	200	82097	49.80	ng		98
69) Pentachlorophenol	12.16	266	67105	79.31	ng		100
70) Phenanthrene	12.41	178	398854	41.90	ng		99
71) Anthracene	12.48	178	404196	43.09	ng		100
72) Carbazole	12.70	167	385153	43.81	ng		99
73) Di-n-butylphthalate	13.17	149	488951	49.10	ng		99
74) Fluoranthene	13.87	202	420318	41.87	ng		96
76) Benzidine	14.07	184	244908	39.21	ng		99
77) Pyrene	14.15	202	438836	43.09	ng		98
79) Butylbenzylphthalate	15.01	149	204037	52.57	ng	#	76
80) Benzo(a)anthracene	15.63	228	410752	42.55	ng		98
81) 3,3'-Dichlorobenzidine	15.62	252	123361	38.16	ng	#	98
82) Chrysene	15.68	228	381580	42.07	ng		99
83) Bis(2-ethylhexyl)phthalate	15.73	149	318775	52.36	ng		97
84) Di-n-octyl phthalate	16.51	149	546891	54.71	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.58	276	431838	41.96	ng	#	86
87) Benzo(b)fluoranthene	16.91	252	381911	39.46	ng	#	98
88) Benzo(k)fluoranthene	16.95	252	393293m	45.72	ng		
89) Benzo(a)pyrene	17.29	252	374553	44.34	ng		98
90) Dibenzo(a,h)anthracene	18.61	278	354514	41.92	ng		96
91) Benzo(g,h,i)perylene	18.93	276	360980	42.57	ng		97

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

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