Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077074.D
Acq On : 27 Jan 2015 5:23
Operator : TP/IZ
Sample : G1159-06MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)MSD

Manual Integrations APPROVED
apatel
1/28/2015 5:42:14 PM

Quant Time: Jan 27 06:23:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 27 06:14:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	23556	20.00	ng		0.00
21) Naphthalene-d8	10.68	136	102596	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	49492	20.00	ng		0.00
63) Phenanthrene-d10	17.64	188	91656	20.00	ng		0.00
75) Chrysene-d12	21.15	240	85741	20.00	ng		0.00
86) Perylene-d12	22.79	264	79323	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.80	112	122609	85.58	ng		0.00
7) Phenol-d6	7.18	99	159863	88.45	ng		0.00
23) Nitrobenzene-d5	9.06	82	97352	52.57	ng		0.00
41) 2,4,6-Tribromophenol	16.53	330	36624	91.16	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	167041	51.36	ng		0.00
78) Terphenyl-d14	19.88	244	150413	40.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.17	88	12768	20.81	ng	#	86
3) Pyridine	1.62	79	32346	20.38	ng		98
4) n-Nitrosodimethylamine	1.58	42	22409	28.50	ng	#	94
6) Aniline	7.05	93	33461	13.38	ng		96
8) 2-Chlorophenol	7.29	128	45651	27.64	ng		90
9) Benzaldehyde	6.78	77	7758	6.07	ng		93
10) Phenol	7.20	94	60492	31.52	ng		91
11) bis(2-Chloroethyl)ether	7.30	93	44458	29.61	ng		90
12) 1,3-Dichlorobenzene	7.61	146	51421	27.36	ng		96
13) 1,4-Dichlorobenzene	7.81	146	51465	25.83	ng		98
14) 1,2-Dichlorobenzene	8.12	146	50441	27.47	ng		95
15) Benzyl Alcohol	8.21	79	40867	27.94	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	58116	28.79	ng		98
17) 2-Methylphenol	8.56	107	36357	26.94	ng		93
18) Hexachloroethane	8.87	117	18488	26.67	ng		96
19) n-Nitroso-di-n-propylamine	8.84	70	33048	26.12	ng		93
20) 3+4-Methylphenols	8.95	107	46183	25.84	ng		98
22) Acetophenone	8.76	105	70059	27.88	ng		96
24) Nitrobenzene	9.11	77	51560	27.33	ng		98
25) Isophorone	9.72	82	92755	27.50	ng		96
26) 2-Nitrophenol	9.85	139	24184	25.88	ng	#	87
27) 2,4-Dimethylphenol	10.14	122	41216	28.25	ng		95
28) bis(2-Chloroethoxy)methane	10.34	93	53260	27.78	ng		98
29) 2,4-Dichlorophenol	10.47	162	38436	28.27	ng		94
30) 1,2,4-Trichlorobenzene	10.60	180	41095	27.21	ng		94
31) Naphthalene	10.72	128	148037	28.03	ng		97
33) 4-Chloroaniline	10.97	127	31584	14.80	ng		96
34) Hexachlorobutadiene	11.09	225	24428	27.26	ng		97
35) Caprolactam	11.78	113	9907	24.75	ng		94
36) 4-Chloro-3-methylphenol	12.29	107	42573	27.35	ng		95
37) 2-Methylnaphthalene	12.38	142	98445	27.29	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.78	216	38261	31.27	ng		98
40) Hexachlorocyclopentadiene	12.77	237	17036	28.96	ng		89
42) 2,4,6-Trichlorophenol	13.13	196	26916	30.19	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.23	196	27456	30.19	ng	#	95
45) 1,1'-Biphenyl	13.53	154	116255	31.69	ng		98
46) 2-Chloronaphthalene	13.51	162	90613	30.01	ng		96
47) 2-Nitroaniline	13.85	65	27407	29.92	ng		93
48) Acenaphthylene	14.46	152	147341	28.93	ng		99
49) Dimethylphthalate	14.41	163	114417	32.60	ng		99
50) 2,6-Dinitrotoluene	14.51	165	21447	30.58	ng		90
51) Acenaphthene	14.88	154	85094	29.45	ng		96
52) 3-Nitroaniline	14.85	138	21383	24.28	ng		84
53) 2,4-Dinitrophenol	15.15	184	2728	18.83	ng		98
54) Dibenzofuran	15.31	168	128225	30.46	ng		98
55) 4-Nitrophenol	15.47	139	29175	53.03	ng		97
56) 2,4-Dinitrotoluene	15.44	165	29044	28.52	ng		91
57) Fluorene	16.06	166	107865	30.25	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.66	232	22591	34.12	ng	#	97
59) Diethylphthalate	16.06	149	113000	31.86	ng		99
60) 4-Chlorophenyl-phenylether	16.15	204	45233	31.00	ng		90
61) 4-Nitroaniline	16.20	138	21588	25.12	ng		97
62) Azobenzene	16.44	77	111657	30.21	ng		99
64) 4,6-Dinitro-2-methylphenol	16.28	198	6637	13.80	ng	#	65
65) n-Nitrosodiphenylamine	16.39	169	86135	26.36	ng		97
66) 4-Bromophenyl-phenylether	17.01	248	26456	28.49	ng		91
67) Hexachlorobenzene	17.02	284	26323	26.90	ng		96
68) Atrazine	17.39	200	30752	31.01	ng		97
69) Pentachlorophenol	17.40	266	23149	54.03	ng		96
70) Phenanthrene	17.67	178	178236	31.18	ng		98
71) Anthracene	17.75	178	157275	28.22	ng		100
72) Carbazole	18.04	167	148394	27.45	ng		99
73) Di-n-butylphthalate	18.63	149	179916	28.75	ng	#	98
74) Fluoranthene	19.32	202	203789	34.79	ng		98
76) Benzidine	19.57	184	89961	32.79	ng		99
77) Pyrene	19.60	202	194073	33.03	ng		97
79) Butylbenzylphthalate	20.54	149	78681	29.57	ng	#	84
80) Benzo(a)anthracene	21.13	228	165520	30.77	ng		99
81) 3,3'-Dichlorobenzidine	21.15	252	41279	24.15	ng		93
82) Chrysene	21.18	228	153075	31.20	ng		98
83) Bis(2-ethylhexyl)phthalate	21.28	149	120198	32.64	ng	#	98
84) Di-n-octyl phthalate	22.05	149	206768	32.36	ng	#	95
85) Indeno(1,2,3-cd)pyrene	23.88	276	147743	28.42	ng	#	81
87) Benzo(b)fluoranthene	22.38	252	155120m	29.03	ng		
88) Benzo(k)fluoranthene	22.41	252	141378m	30.29	ng		
89) Benzo(a)pyrene	22.72	252	143799	30.51	ng	#	96
90) Dibenzo(a,h)anthracene	23.90	278	116483	26.94	ng		97
91) Benzo(g,h,i)perylene	24.15	276	125009	29.08	ng	#	92

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

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