Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021115\
Data File : BF077263.D
Acq On : 11 Feb 2015 20:27
Operator : TP/IZ
Sample : G1264-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : FK-PS-01-011MS

Manual Integrations APPROVED
apatel
2/12/2015 4:14:02 PM

Quant Time: Feb 12 03:05:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 10 13:30:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	68199	40.00	ng		-0.06
21) Naphthalene-d8	10.45	136	291431m	40.00	ng		-0.05
38) Acenaphthene-d10	14.58	164	142803	40.00	ng		-0.05
63) Phenanthrene-d10	17.47	188	242977	40.00	ng		-0.03
75) Chrysene-d12	20.99	240	218733	40.00	ng		-0.02
86) Perylene-d12	22.61	264	193298	40.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	4.54	112	194593	93.83	ng		-0.05
7) Phenol-d6	6.97	99	250463	95.73	ng		-0.05
23) Nitrobenzene-d5	8.85	82	160982	61.21	ng		-0.05
41) 2,4,6-Tribromophenol	16.34	330	56227	97.01	ng		-0.03
44) 2-Fluorobiphenyl	13.12	172	329965	70.33	ng		-0.05
78) Terphenyl-d14	19.72	244	283913	59.76	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.04	88	20123	22.66	ng		93
3) Pyridine	1.47	79	48952	21.30	ng		96
4) n-Nitrosodimethylamine	1.42	42	32113	28.21	ng		99
6) Aniline	6.83	93	52738	14.57	ng		96
8) 2-Chlorophenol	7.07	128	69253	28.96	ng		89
10) Phenol	7.00	94	80519	28.98	ng		91
11) bis(2-Chloroethyl)ether	7.09	93	65056	29.93	ng	#	78
12) 1,3-Dichlorobenzene	7.38	146	74703	27.46	ng		97
13) 1,4-Dichlorobenzene	7.58	146	77957	27.03	ng		98
14) 1,2-Dichlorobenzene	7.89	146	73616	27.70	ng		97
15) Benzyl Alcohol	8.00	79	62086	29.33	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	91114	31.18	ng	#	71
17) 2-Methylphenol	8.36	107	57384m	29.37	ng		
18) Hexachloroethane	8.64	117	29272	29.18	ng		98
19) n-Nitroso-di-n-propylamine	8.64	70	54313	29.66	ng		99
20) 3+4-Methylphenols	8.75	107	74422m	28.77	ng		
22) Acetophenone	8.54	105	107036	29.99	ng		99
24) Nitrobenzene	8.90	77	75534	28.19	ng		98
25) Isophorone	9.50	82	144642	30.20	ng		98
26) 2-Nitrophenol	9.64	139	36968	29.48	ng	#	95
27) 2,4-Dimethylphenol	9.94	122	63057	30.43	ng		95
28) bis(2-Chloroethoxy)methane	10.13	93	88373	32.46	ng		98
29) 2,4-Dichlorophenol	10.26	162	58234m	30.15	ng		
30) 1,2,4-Trichlorobenzene	10.37	180	65094	30.35	ng		98
31) Naphthalene	10.50	128	220683	29.42	ng		99
32) Benzoic acid	10.33	122	12241m	10.66	ng		
33) 4-Chloroaniline	10.77	127	50921m	16.80	ng		
34) Hexachlorobutadiene	10.86	225	37206	29.24	ng		99
35) Caprolactam	11.60	113	15993m	28.13	ng		
36) 4-Chloro-3-methylphenol	12.09	107	59429	26.88	ng		98
37) 2-Methylnaphthalene	12.16	142	154042	30.07	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	60516	34.28	ng		97
40) Hexachlorocyclopentadiene	12.55	237	45273	54.07	ng		95
42) 2,4,6-Trichlorophenol	12.92	196	39098	30.40	ng	#	89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.03	196	41601m	31.71	ng		
45) 1,1'-Biphenyl	13.31	154	177206	33.48	ng		99
46) 2-Chloronaphthalene	13.28	162	139929	32.12	ng		98
47) 2-Nitroaniline	13.64	65	42559	32.21	ng		96
48) Acenaphthylene	14.23	152	222282	30.25	ng		99
49) Dimethylphthalate	14.20	163	202602	40.01	ng		99
50) 2,6-Dinitrotoluene	14.29	165	33794	33.40	ng		98
51) Acenaphthene	14.65	154	132389	31.76	ng		98
52) 3-Nitroaniline	14.64	138	28056	24.07	ng		88
53) 2,4-Dinitrophenol	14.93	184	18031	55.91	ng		95
54) Dibenzofuran	15.07	168	197507	32.52	ng		99
55) 4-Nitrophenol	15.28	139	42877m	54.02	ng		
56) 2,4-Dinitrotoluene	15.23	165	44894	32.52	ng	#	95
57) Fluorene	15.85	166	164293	31.93	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.45	232	26078	27.30	ng	#	87
59) Diethylphthalate	15.87	149	175132	34.22	ng		99
60) 4-Chlorophenyl-phenylether	15.95	204	69189	32.87	ng		93
61) 4-Nitroaniline	16.02	138	29722	25.47	ng		90
62) Azobenzene	16.25	77	165119m	30.97	ng		
64) 4,6-Dinitro-2-methylphenol	16.10	198	18347	28.49	ng		77
65) n-Nitrosodiphenylamine	16.21	169	135015	31.17	ng		98
66) 4-Bromophenyl-phenylether	16.83	248	38488	31.27	ng		99
67) Hexachlorobenzene	16.84	284	38419	29.62	ng	#	85
68) Atrazine	17.23	200	43354	32.98	ng		93
69) Pentachlorophenol	17.23	266	24168	50.94	ng		93
70) Phenanthrene	17.51	178	263630	34.80	ng		99
71) Anthracene	17.59	178	222267	30.08	ng		99
72) Carbazole	17.88	167	214505	29.94	ng		99
73) Di-n-butylphthalate	18.49	149	272448	32.85	ng		99
74) Fluoranthene	19.16	202	249291	32.11	ng		100
76) Benzidine	19.41	184	75995	21.72	ng		99
77) Pyrene	19.45	202	253112	33.77	ng		98
79) Butylbenzylphthalate	20.40	149	114430	33.71	ng		95
80) Benzo(a)anthracene	20.98	228	209724	30.56	ng		98
81) 3,3'-Dichlorobenzidine	20.99	252	53967	24.75	ng	#	94
82) Chrysene	21.01	228	193124	30.86	ng		98
83) Bis(2-ethylhexyl)phthalate	21.14	149	157629	33.56	ng		100
84) Di-n-octyl phthalate	21.89	149	285440	35.02	ng		98
85) Indeno(1,2,3-cd)pyrene	23.69	276	189017	28.50	ng	#	83
87) Benzo(b)fluoranthene	22.21	252	192454m	29.57	ng		
88) Benzo(k)fluoranthene	22.25	252	180175m	31.68	ng		
89) Benzo(a)pyrene	22.56	252	180605	31.45	ng		98
90) Dibenzo(a,h)anthracene	23.71	278	155154	29.45	ng	#	94
91) Benzo(g,h,i)perylene	23.95	276	161458	30.83	ng		97

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

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