Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084767.D
Acq On : 3 Feb 2016 2:31
Operator : SJ/IZ
Sample : H1287-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B012(10-12.5)MSD

Manual Integrations APPROVED
MMDadoda
2/3/2016 6:25:45 PM

Quant Time: Feb 03 06:46:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	182057	20.00	ng		-0.02
21) Naphthalene-d8	8.00	136	807610	20.00	ng		-0.02
38) Acenaphthene-d10	9.74	164	343215	20.00	ng		-0.02
63) Phenanthrene-d10	11.22	188	615622	20.00	ng		-0.02
75) Chrysene-d12	13.85	240	358308	20.00	ng		-0.02
86) Perylene-d12	15.23	264	355489	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1539450	131.71	ng		0.01
7) Phenol-d6	6.36	99	1828273	126.17	ng		-0.01
23) Nitrobenzene-d5	7.28	82	1263675	88.14	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	485282	135.55	ng		-0.02
44) 2-Fluorobiphenyl	9.07	172	1965281	104.41	ng		-0.02
78) Terphenyl-d14	12.81	244	1817131	114.92	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	188068	36.73	ng	#	73
3) Pyridine	3.06	79	454437m	34.07	ng		
4) n-Nitrosodimethylamine	2.96	42	310033	44.94	ng		86
6) Aniline	6.37	93	140407	7.92	ng	#	1
8) 2-Chlorophenol	6.50	128	580096	43.85	ng		97
9) Benzaldehyde	6.25	77	255271	29.83	ng		99
10) Phenol	6.37	94	686617	42.30	ng		94
11) bis(2-Chloroethyl)ether	6.44	93	585822m	46.28	ng		
12) 1,3-Dichlorobenzene	6.64	146	555336m	39.73	ng		
13) 1,4-Dichlorobenzene	6.72	146	562308	40.24	ng		97
14) 1,2-Dichlorobenzene	6.88	146	510081	39.19	ng		95
15) Benzyl Alcohol	6.86	79	563861	56.35	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.99	45	877715	41.22	ng		74
17) 2-Methylphenol	6.99	107	485506	46.40	ng	#	76
18) Hexachloroethane	7.21	117	231142	42.95	ng		94
19) n-Nitroso-di-n-propylamine	7.14	70	452565	49.83	ng	#	82
20) 3+4-Methylphenols	7.17	107	702902	54.12	ng		90
22) Acetophenone	7.12	105	869021	40.83	ng		99
24) Nitrobenzene	7.29	77	607528	39.57	ng		97
25) Isophorone	7.55	82	1352512	48.52	ng		96
26) 2-Nitrophenol	7.61	139	309207	40.84	ng	#	83
27) 2,4-Dimethylphenol	7.70	122	574871	43.65	ng		94
28) bis(2-Chloroethoxy)methane	7.76	93	906692	54.82	ng		98
29) 2,4-Dichlorophenol	7.89	162	470086	41.72	ng		97
30) 1,2,4-Trichlorobenzene	7.94	180	456845	35.89	ng	#	94
31) Naphthalene	8.01	128	1551768	38.31	ng		99
32) Benzoic acid	7.89	122	463637m	55.04	ng		
33) 4-Chloroaniline	8.10	127	150110	8.96	ng	#	93
34) Hexachlorobutadiene	8.13	225	283232	38.59	ng		98
35) Caprolactam	8.49	113	151745	43.69	ng	#	44
36) 4-Chloro-3-methylphenol	8.58	107	609546	47.41	ng		100
37) 2-Methylnaphthalene	8.70	142	1147113	45.24	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	490391	44.99	ng	#	95
40) Hexachlorocyclopentadiene	8.85	237	451768	89.53	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	337139	48.01	ng		92
43) 2,4,5-Trichlorophenol	9.05	196	341016	47.79	ng		94
45) 1,1'-Biphenyl	9.17	154	1472615	48.04	ng		98
46) 2-Chloronaphthalene	9.20	162	1072315	47.50	ng	#	88
47) 2-Nitroaniline	9.30	65	367573	51.42	ng		94
48) Acenaphthylene	9.61	152	1676919	48.95	ng		98
49) Dimethylphthalate	9.48	163	1182541	45.24	ng	#	90
50) 2,6-Dinitrotoluene	9.54	165	268201	46.97	ng	#	59
51) Acenaphthene	9.78	154	1130768	50.73	ng		96
52) 3-Nitroaniline	9.71	138	157305	24.51	ng	#	77
53) 2,4-Dinitrophenol	9.81	184	321101	118.79	ng	#	77
54) Dibenzofuran	9.95	168	1497130	54.96	ng		95
55) 4-Nitrophenol	9.89	139	367036	77.83	ng	#	79
56) 2,4-Dinitrotoluene	9.94	165	329601	45.25	ng	#	71
57) Fluorene	10.29	166	1175935	51.69	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	303060	55.79	ng		87
59) Diethylphthalate	10.18	149	1234702	48.37	ng		99
60) 4-Chlorophenyl-phenylether	10.28	204	482814	51.58	ng		92
61) 4-Nitroaniline	10.33	138	235707	37.70	ng		83
62) Azobenzene	10.44	77	1279421	52.13	ng		89
64) 4,6-Dinitro-2-methylphenol	10.35	198	207018	54.48	ng		79
65) n-Nitrosodiphenylamine	10.41	169	1001823	51.25	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	358930	52.79	ng	#	91
67) Hexachlorobenzene	10.83	284	358257	48.35	ng	#	84
68) Atrazine	10.94	200	296275	47.99	ng		98
69) Pentachlorophenol	11.04	266	398761	114.52	ng		99
70) Phenanthrene	11.24	178	1602021	46.92	ng		98
71) Anthracene	11.30	178	1739398	50.56	ng		98
72) Carbazole	11.46	167	1548462	51.61	ng		99
73) Di-n-butylphthalate	11.79	149	1763025	46.16	ng	#	95
74) Fluoranthene	12.43	202	1758484	50.88	ng		95
77) Pyrene	12.66	202	1756458	64.03	ng		99
79) Butylbenzylphthalate	13.29	149	737099	59.23	ng	#	95
80) Benzo(a)anthracene	13.84	228	1216585	54.71	ng		99
82) Chrysene	13.88	228	1208288	56.03	ng		100
83) Bis(2-ethylhexyl)phthalate	13.85	149	871616	56.28	ng		98
84) Di-n-octyl phthalate	14.47	149	1433667	56.11	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.53	276	1147987	67.63	ng		98
87) Benzo(b)fluoranthene	14.85	252	1085636m	45.45	ng		
88) Benzo(k)fluoranthene	14.88	252	939511m	47.57	ng		
89) Benzo(a)pyrene	15.17	252	982254	48.26	ng	#	95
90) Dibenzo(a,h)anthracene	16.56	278	957113	55.87	ng	#	94
91) Benzo(g,h,i)perylene	16.93	276	1003623	58.16	ng		96

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

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