Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
Data File : BF084815.D
Acq On : 4 Feb 2016 5:32
Operator : SJ/IZ
Sample : H1312-09MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Manual Integrations APPROVED
mohammad
2/4/2016 2:05:25 PM

Quant Time: Feb 04 06:24:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	183541	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	747237	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	351988	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	633237	20.00	ng		0.00
75) Chrysene-d12	13.84	240	404643	20.00	ng		0.00
86) Perylene-d12	15.21	264	357098	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1587003	134.68	ng		0.01
7) Phenol-d6	6.35	99	1953358	133.72	ng		0.01
23) Nitrobenzene-d5	7.26	82	1216097	91.68	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	506388	137.92	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1920569	96.09	ng		0.00
78) Terphenyl-d14	12.80	244	1630066	91.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	189188	36.65	ng	#	74
3) Pyridine	2.92	79	589899	43.86	ng	#	76
4) n-Nitrosodimethylamine	2.89	42	328452	47.22	ng		84
6) Aniline	6.36	93	580965	32.50	ng	#	1
8) 2-Chlorophenol	6.48	128	590789	44.29	ng		92
9) Benzaldehyde	6.22	77	232490	26.95	ng		93
10) Phenol	6.36	94	853350	52.14	ng		97
11) bis(2-Chloroethyl)ether	6.43	93	569721m	44.64	ng		
12) 1,3-Dichlorobenzene	6.62	146	595278	42.24	ng	#	93
13) 1,4-Dichlorobenzene	6.70	146	628201	44.59	ng		95
14) 1,2-Dichlorobenzene	6.86	146	552503	42.11	ng		93
15) Benzyl Alcohol	6.84	79	487779	48.36	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.98	45	883659	41.16	ng		92
17) 2-Methylphenol	6.97	107	493240	46.76	ng	#	91
18) Hexachloroethane	7.20	117	233633	43.07	ng		95
19) n-Nitroso-di-n-propylamine	7.12	70	428265	46.77	ng	#	74
20) 3+4-Methylphenols	7.13	107	634946	48.49	ng		88
22) Acetophenone	7.10	105	882160	44.79	ng		99
24) Nitrobenzene	7.28	77	591356	41.63	ng		94
25) Isophorone	7.53	82	1193470	46.27	ng		98
26) 2-Nitrophenol	7.60	139	328803	46.93	ng	#	87
27) 2,4-Dimethylphenol	7.65	122	612638	50.27	ng		88
28) bis(2-Chloroethoxy)methane	7.74	93	745927	48.75	ng		98
29) 2,4-Dichlorophenol	7.85	162	528134	50.65	ng		94
30) 1,2,4-Trichlorobenzene	7.92	180	503933	42.79	ng		98
31) Naphthalene	8.00	128	1595213	42.56	ng		99
32) Benzoic acid	7.73	122	23788	3.05	ng		93
33) 4-Chloroaniline	8.05	127	320725	20.69	ng		97
34) Hexachlorobutadiene	8.12	225	300643	44.27	ng		99
35) Caprolactam	8.44	113	157629m	49.05	ng		
36) 4-Chloro-3-methylphenol	8.56	107	554671	46.63	ng		98
37) 2-Methylnaphthalene	8.69	142	1209618	51.56	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	442359	39.57	ng		99
40) Hexachlorocyclopentadiene	8.84	237	375346	77.17	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	369629	51.32	ng		93
43) 2,4,5-Trichlorophenol	9.02	196	336950	46.05	ng		97
45) 1,1'-Biphenyl	9.16	154	1365227	43.42	ng		95
46) 2-Chloronaphthalene	9.17	162	979439	42.30	ng		97
47) 2-Nitroaniline	9.28	65	327343	44.65	ng		97
48) Acenaphthylene	9.60	152	1596655	45.44	ng		99
49) Dimethylphthalate	9.47	163	1530277	57.08	ng	#	90
50) 2,6-Dinitrotoluene	9.53	165	255303	43.59	ng	#	59
51) Acenaphthene	9.77	154	996198	43.58	ng		97
52) 3-Nitroaniline	9.69	138	165482	25.15	ng		99
53) 2,4-Dinitrophenol	9.80	184	66038	28.46	ng		91
54) Dibenzofuran	9.94	168	1385467	49.59	ng		99
55) 4-Nitrophenol	9.88	139	423924	87.65	ng		89
56) 2,4-Dinitrotoluene	9.93	165	292538	39.16	ng	#	67
57) Fluorene	10.28	166	1048614	44.95	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	261765	46.99	ng		92
59) Diethylphthalate	10.17	149	1194489	45.63	ng		97
60) 4-Chlorophenyl-phenylether	10.27	204	450195	46.11	ng		95
61) 4-Nitroaniline	10.30	138	267026	41.64	ng		93
62) Azobenzene	10.43	77	1239397	49.24	ng		91
64) 4,6-Dinitro-2-methylphenol	10.34	198	159234	40.74	ng		97
65) n-Nitrosodiphenylamine	10.40	169	983418	48.91	ng		98
66) 4-Bromophenyl-phenylether	10.76	248	335714	48.00	ng		96
67) Hexachlorobenzene	10.82	284	327532	42.98	ng	#	86
68) Atrazine	10.93	200	338200	53.26	ng		93
69) Pentachlorophenol	11.02	266	365791	102.13	ng		99
70) Phenanthrene	11.23	178	1430318	40.72	ng		97
71) Anthracene	11.29	178	1656453	46.81	ng		99
72) Carbazole	11.45	167	1482833	48.05	ng		97
73) Di-n-butylphthalate	11.78	149	1567602	39.90	ng	#	96
74) Fluoranthene	12.42	202	1598518	44.97	ng		93
76) Benzidine	12.55	184	738011	55.94	ng		98
77) Pyrene	12.64	202	1483865	47.90	ng		99
79) Butylbenzylphthalate	13.28	149	717640	51.06	ng	#	82
80) Benzo(a)anthracene	13.83	228	1127826	44.91	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	241387	27.15	ng	#	96
82) Chrysene	13.86	228	993547	40.80	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	919853	52.59	ng	#	96
84) Di-n-octyl phthalate	14.44	149	1355936	46.99	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.50	276	1038203	54.16	ng		99
87) Benzo(b)fluoranthene	14.83	252	956436m	39.86	ng		
88) Benzo(k)fluoranthene	14.85	252	954122m	48.09	ng		
89) Benzo(a)pyrene	15.15	252	924404	45.22	ng	#	95
90) Dibenzo(a,h)anthracene	16.52	278	856610	49.78	ng	#	93
91) Benzo(g,h,i)perylene	16.89	276	884628	51.03	ng		99

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

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