Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092376.D
Acq On : 20 Jan 2017 16:47
Operator : UM/SJ
Sample : I1260-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

Manual Integrations APPROVED
mohammad
1/23/2017 2:44:52 PM

Quant Time: Jan 20 23:17:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 22:22:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	149272	20.00	ng		0.00
21) Naphthalene-d8	7.81	136	867580	20.00	ng		0.00
38) Acenaphthene-d10	9.56	164	439812	20.00	ng		0.00
63) Phenanthrene-d10	11.03	188	666669	20.00	ng		0.00
75) Chrysene-d12	13.66	240	361999	20.00	ng		0.00
86) Perylene-d12	15.01	264	380599	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	1186670	132.74	ng		0.02
7) Phenol-d6	6.20	99	1488614	136.39	ng		0.01
23) Nitrobenzene-d5	7.10	82	992411	63.61	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	473953	130.21	ng		0.01
44) 2-Fluorobiphenyl	8.90	172	2042943	96.99	ng		0.00
78) Terphenyl-d14	12.62	244	1659580	111.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	179347	40.75	ng		94
3) Pyridine	2.59	79	465437	30.30	ng		98
4) n-Nitrosodimethylamine	2.56	42	237481	40.98	ng		92
6) Aniline	6.19	93	295649	20.85	ng	#	59
8) 2-Chlorophenol	6.31	128	491215	48.30	ng		96
9) Benzaldehyde	6.07	77	27948	3.21	ng		93
10) Phenol	6.21	94	643901	51.77	ng		80
11) bis(2-Chloroethyl)ether	6.27	93	504731	51.00	ng		96
12) 1,3-Dichlorobenzene	6.46	146	461878	42.55	ng	#	96
13) 1,4-Dichlorobenzene	6.54	146	478070	43.27	ng		96
14) 1,2-Dichlorobenzene	6.69	146	445856	46.50	ng		98
15) Benzyl Alcohol	6.69	79	420886	49.63	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.82	45	697931	47.36	ng	#	25
17) 2-Methylphenol	6.82	107	395112	48.31	ng	#	88
18) Hexachloroethane	7.03	117	186018	45.41	ng		99
19) n-Nitroso-di-n-propylamine	6.96	70	376265	51.82	ng		97
20) 3+4-Methylphenols	6.98	107	512075	52.50	ng	#	71
22) Acetophenone	6.95	105	691787	32.33	ng	#	92
24) Nitrobenzene	7.12	77	558229	33.59	ng		90
25) Isophorone	7.36	82	1094864	38.04	ng		96
26) 2-Nitrophenol	7.44	139	353715	43.16	ng	#	76
27) 2,4-Dimethylphenol	7.50	122	605533	44.55	ng		95
28) bis(2-Chloroethoxy)methane	7.58	93	821278	47.05	ng		100
29) 2,4-Dichlorophenol	7.70	162	528650	45.93	ng		97
30) 1,2,4-Trichlorobenzene	7.76	180	551647	43.74	ng		99
31) Naphthalene	7.83	128	1739812	43.82	ng		100
32) Benzoic acid	7.64	122	109329	10.84	ng		95
33) 4-Chloroaniline	7.90	127	295840	16.52	ng		95
34) Hexachlorobutadiene	7.96	225	296497	44.54	ng		99
35) Caprolactam	8.29	113	177036m	46.81	ng		
36) 4-Chloro-3-methylphenol	8.42	107	609233	46.00	ng		90
37) 2-Methylnaphthalene	8.53	142	1192990	52.93	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	483329	43.50	ng		99
40) Hexachlorocyclopentadiene	8.68	237	185232	39.55	ng		96

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	331325	42.64	ng		97
43) 2,4,5-Trichlorophenol	8.87	196	337556	42.21	ng	#	90
45) 1,1'-Biphenyl	9.00	154	1395949	46.36	ng		97
46) 2-Chloronaphthalene	9.01	162	1000224	41.94	ng		95
47) 2-Nitroaniline	9.12	65	370238	43.60	ng		94
48) Acenaphthylene	9.42	152	1503275	40.99	ng		99
49) Dimethylphthalate	9.31	163	1402171	49.85	ng		99
50) 2,6-Dinitrotoluene	9.38	165	277190	45.02	ng	#	71
51) Acenaphthene	9.59	154	949887	38.20	ng		99
52) 3-Nitroaniline	9.54	138	202760	26.61	ng		90
53) 2,4-Dinitrophenol	9.66	184	131161	38.29	ng	#	89
54) Dibenzofuran	9.76	168	1315282	39.17	ng		99
55) 4-Nitrophenol	9.73	139	392223m	75.81	ng		
56) 2,4-Dinitrotoluene	9.78	165	349664	45.25	ng		96
57) Fluorene	10.11	166	991891	40.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	286750	45.33	ng		93
59) Diethylphthalate	10.00	149	1223700	44.79	ng		98
60) 4-Chlorophenyl-phenylether	10.11	204	481796	45.04	ng	#	82
61) 4-Nitroaniline	10.15	138	293718	37.20	ng		93
62) Azobenzene	10.27	77	1410869	46.91	ng		85
64) 4,6-Dinitro-2-methylphenol	10.19	198	149898	37.18	ng		82
65) n-Nitrosodiphenylamine	10.23	169	1030756	52.10	ng		99
66) 4-Bromophenyl-phenylether	10.59	248	306999	44.27	ng		98
67) Hexachlorobenzene	10.66	284	327156	44.14	ng		99
68) Atrazine	10.77	200	324202	50.81	ng		94
69) Pentachlorophenol	10.86	266	274624	75.50	ng		98
70) Phenanthrene	11.06	178	1456205	40.28	ng		99
71) Anthracene	11.11	178	1592998	52.84	ng		99
72) Carbazole	11.27	167	1322133	43.96	ng		99
73) Di-n-butylphthalate	11.62	149	1776983	52.57	ng		98
74) Fluoranthene	12.24	202	1432319	45.18	ng		92
76) Benzidine	12.37	184	226147	21.16	ng		97
77) Pyrene	12.46	202	1299117	48.91	ng		99
79) Butylbenzylphthalate	13.10	149	673447	55.75	ng		86
80) Benzo(a)anthracene	13.65	228	972711	47.60	ng		100
81) 3,3'-Dichlorobenzidine	13.63	252	298210	38.49	ng	#	95
82) Chrysene	13.69	228	897922	43.81	ng		98
83) Bis(2-ethylhexyl)phthalate	13.66	149	777363	54.64	ng		100
84) Di-n-octyl phthalate	14.28	149	1367491	51.89	ng		96
85) Indeno(1,2,3-cd)pyrene	16.22	276	979110	55.14	ng		100
87) Benzo(b)fluoranthene	14.66	252	1013333m	42.76	ng		
88) Benzo(k)fluoranthene	14.68	252	799796m	39.58	ng		
89) Benzo(a)pyrene	14.97	252	909892	43.26	ng	#	96
90) Dibenzo(a,h)anthracene	16.23	278	817210	47.27	ng		95
91) Benzo(g,h,i)perylene	16.58	276	848071	47.18	ng	#	95

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

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