Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106314.D
Acq On : 12 Jun 2018 00:02
Operator : JU/SJ
Sample : J3422-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Manual Integrations APPROVED
Sohil
6/12/2018 12:58:36 PM

Quant Time: Jun 12 04:32:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	222259	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	796274	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	347256	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	540613	20.00	ng		0.00
75) Chrysene-d12	14.15	240	499773	20.00	ng		-0.01
86) Perylene-d12	15.67	264	390172	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1599064	121.77	ng		0.02
7) Phenol-d6	6.60	99	2061913	124.28	ng		0.01
23) Nitrobenzene-d5	7.54	82	1360025	100.48	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	486004	145.46	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1887475	103.03	ng		0.00
78) Terphenyl-d14	13.09	244	1690002	83.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	203360	29.922	ng		95
3) Pyridine	3.64	79	588849	31.091	ng		99
4) n-Nitrosodimethylamine	3.60	42	301440	34.743	ng		98
6) Aniline	6.64	93	453142	18.704	ng		99
8) 2-Chlorophenol	6.76	128	527274	37.337	ng		97
9) Benzaldehyde	6.52	77	405873	32.252	ng		97
10) Phenol	6.61	94	699387	38.614	ng		95
11) bis(2-Chloroethyl)ether	6.71	93	566157	36.514	ng		97
12) 1,3-Dichlorobenzene	6.91	146	605365	36.422	ng		98
13) 1,4-Dichlorobenzene	6.99	146	614917	36.458	ng		100
14) 1,2-Dichlorobenzene	7.15	146	563804	35.509	ng		97
15) Benzyl Alcohol	7.11	79	531380	37.399	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	927488	41.729	ng		97
17) 2-Methylphenol	7.21	107	491284	38.992	ng		98
18) Hexachloroethane	7.48	117	197496	32.862	ng		98
19) n-Nitroso-di-n-propylamine	7.38	70	409412	32.892	ng		97
20) 3+4-Methylphenols	7.37	107	602558	37.397	ng		99
22) Acetophenone	7.38	105	773344	38.539	ng	#	97
24) Nitrobenzene	7.56	77	616166	41.883	ng		98
25) Isophorone	7.79	82	1117675	42.275	ng		98
26) 2-Nitrophenol	7.87	139	277325	48.565	ng		99
27) 2,4-Dimethylphenol	7.90	122	530786	47.424	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	696594	40.635	ng		98
29) 2,4-Dichlorophenol	8.11	162	478980	44.359	ng		99
30) 1,2,4-Trichlorobenzene	8.20	180	486347	40.171	ng		95
31) Naphthalene	8.28	128	1420345	39.459	ng		95
32) Benzoic acid	8.00	122	237623	31.703	ng		93
33) 4-Chloroaniline	8.32	127	241978	15.169	ng		96
34) Hexachlorobutadiene	8.39	225	310813	39.960	ng		98
35) Caprolactam	8.69	113	150751	41.276	ng	#	85
36) 4-Chloro-3-methylphenol	8.80	107	490680	41.081	ng		97
37) 2-Methylnaphthalene	8.97	142	978145	39.897	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	493853	43.809	ng		96
40) Hexachlorocyclopentadiene	9.12	237	120703	19.407	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	337424	46.969	ng		99
43) 2,4,5-Trichlorophenol	9.28	196	346258	44.710	ng	#	93
45) 1,1'-Biphenyl	9.43	154	1121464	41.695	ng		97
46) 2-Chloronaphthalene	9.46	162	898530	41.745	ng		99
47) 2-Nitroaniline	9.55	65	317355	46.868	ng		90
48) Acenaphthylene	9.88	152	1345925	40.853	ng		95
49) Dimethylphthalate	9.73	163	1322959	53.325	ng	#	96
50) 2,6-Dinitrotoluene	9.80	165	228462	45.081	ng		95
51) Acenaphthene	10.05	154	816795	38.389	ng		98
52) 3-Nitroaniline	9.96	138	170341	28.320	ng		93
53) 2,4-Dinitrophenol	10.07	184	61514	32.205	ng	#	19
54) Dibenzofuran	10.22	168	1133469	39.561	ng	#	93
55) 4-Nitrophenol	10.11	139	347424	75.357	ng		94
56) 2,4-Dinitrotoluene	10.20	165	278149	43.707	ng	#	95
57) Fluorene	10.57	166	845772	37.259	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	274309	44.689	ng	#	85
59) Diethylphthalate	10.43	149	994410	40.382	ng	#	93
60) 4-Chlorophenyl-phenylether	10.55	204	466677	39.087	ng		89
61) 4-Nitroaniline	10.58	138	192075	32.822	ng		100
62) Azobenzene	10.71	77	985545	38.383	ng		94
64) 4,6-Dinitro-2-methylphenol	10.60	198	48993	20.891	ng		85
65) n-Nitrosodiphenylamine	10.67	169	841649	46.323	ng		96
66) 4-Bromophenyl-phenylether	11.04	248	297767	48.427	ng	#	88
67) Hexachlorobenzene	11.11	284	283005	44.644	ng	#	84
68) Atrazine	11.20	200	259564	46.357	ng		96
69) Pentachlorophenol	11.30	266	302387	77.479	ng		98
70) Phenanthrene	11.53	178	1110800	41.955	ng		98
71) Anthracene	11.58	178	1125137	42.420	ng		97
72) Carbazole	11.73	167	997918	40.753	ng		98
73) Di-n-butylphthalate	12.05	149	1275064	46.786	ng		97
74) Fluoranthene	12.72	202	1122300	39.748	ng		98
76) Benzidine	12.84	184	866831	52.115	ng		99
77) Pyrene	12.95	202	1161544	37.123	ng		97
79) Butylbenzylphthalate	13.56	149	512723	43.777	ng	#	96
80) Benzo(a)anthracene	14.14	228	1199449	40.330	ng		97
81) 3,3'-Dichlorobenzidine	14.09	252	444348	44.282	ng	#	98
82) Chrysene	14.18	228	1103192	40.628	ng		96
83) Bis(2-ethylhexyl)phthalate	14.11	149	732558	43.622	ng		100
84) Di-n-octyl phthalate	14.74	149	1242877	51.338	ng		100
85) Indeno(1,2,3-cd)pyrene	17.23	276	810863	37.417	ng	#	93
87) Benzo(b)fluoranthene	15.22	252	1013738m	42.982	ng		
88) Benzo(k)fluoranthene	15.25	252	979741	41.944	ng	#	96
89) Benzo(a)pyrene	15.61	252	917247	43.238	ng		96
90) Dibenzo(a,h)anthracene	17.25	278	680211	38.460	ng	#	94
91) Benzo(g,h,i)perylene	17.71	276	649051	37.762	ng		93

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

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