Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115235.D
Acq On : 27 Jun 2019 14:48
Operator : HP/JU
Sample : K3509-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMS

Manual Integrations APPROVED
mohammad
6/28/2019 2:58:18 PM

Quant Time: Jun 28 05:34:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	252317	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	954131	20.00	ng		0.00
39) Acenaphthene-d10	9.62	164	458886	20.00	ng		0.00
64) Phenanthrene-d10	11.09	188	896149	20.00	ng		0.00
76) Chrysene-d12	13.72	240	653549	20.00	ng		0.00
87) Perylene-d12	15.08	264	653856	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1698094	103.86	ng		0.01
7) Phenol-d6	6.25	99	2140458	107.86	ng		0.01
23) Nitrobenzene-d5	7.17	82	1294484	83.46	ng		0.00
42) 2,4,6-Tribromophenol	10.41	330	566534	117.07	ng		0.00
45) 2-Fluorobiphenyl	8.96	172	2267407	83.93	ng		0.00
79) Terphenyl-d14	12.68	244	2529904	82.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	203538	26.377	ng		99
3) Pyridine	2.84	79	409011	18.806	ng		98
4) n-Nitrosodimethylamine	2.77	42	249424	29.253	ng		98
6) Aniline	6.26	93	513624	18.831	ng	#	1
8) 2-Chlorophenol	6.38	128	626319	34.066	ng		98
9) Benzaldehyde	6.14	77	391968	30.274	ng		99
10) Phenol	6.26	94	765058	32.911	ng		99
11) bis(2-Chloroethyl)ether	6.34	93	566105	33.036	ng		99
12) 1,3-Dichlorobenzene	6.54	146	663241	32.505	ng		98
13) 1,4-Dichlorobenzene	6.62	146	673604	32.921	ng		98
14) 1,2-Dichlorobenzene	6.77	146	630435	33.272	ng		99
15) Benzyl Alcohol	6.75	79	494635	34.229	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.89	45	787405	31.682	ng		97
17) 2-Methylphenol	6.87	107	525340	34.617	ng		99
18) Hexachloroethane	7.11	117	232812	31.561	ng		98
19) n-Nitroso-di-n-propylamine	7.02	70	400931	31.556	ng		100
20) 3+4-Methylphenols	7.02	107	615333	35.116	ng	#	83
22) Acetophenone	7.01	105	829719	37.985	ng	#	96
24) Nitrobenzene	7.18	77	630057	36.872	ng		96
25) Isophorone	7.42	82	1127536	35.486	ng		100
26) 2-Nitrophenol	7.50	139	341033	40.414	ng		96
27) 2,4-Dimethylphenol	7.55	122	576143	41.700	ng		99
28) bis(2-Chloroethoxy)methane	7.64	93	716927	35.699	ng		99
29) 2,4-Dichlorophenol	7.74	162	538792	37.788	ng		99
30) 1,2,4-Trichlorobenzene	7.82	180	574321	36.466	ng		99
31) Naphthalene	7.90	128	1744433	37.246	ng		100
32) Benzoic acid	7.62	122	18234m	1.849	ng		
33) 4-Chloroaniline	7.95	127	417045	19.483	ng		99
34) Hexachlorobutadiene	8.03	225	310339	35.957	ng		99
35) Caprolactam	8.32	113	165342m	34.491	ng		
36) 4-Chloro-3-methylphenol	8.44	107	540152	37.407	ng		98
37) 2-Methylnaphthalene	8.59	142	1183619	37.481	ng		99
38) 1-Methylnaphthalene	8.69	142	1119170	37.107	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	525389	40.516	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	295399	38.418	ng		99
43) 2,4,6-Trichlorophenol	8.87	196	378486	37.806	ng		99
44) 2,4,5-Trichlorophenol	8.91	196	407028	39.480	ng		99
46) 1,1'-Biphenyl	9.05	154	1393236	37.945	ng		99
47) 2-Chloronaphthalene	9.08	162	1104477	37.084	ng		99
48) 2-Nitroaniline	9.17	65	329257	37.919	ng		88
49) Acenaphthylene	9.49	152	1750347	37.720	ng		100
50) Dimethylphthalate	9.37	163	1539236	45.592	ng		99
51) 2,6-Dinitrotoluene	9.41	165	300507	38.554	ng		98
52) Acenaphthene	9.66	154	1032344	35.553	ng		99
53) 3-Nitroaniline	9.58	138	299210	31.457	ng		99
54) 2,4-Dinitrophenol	9.68	184	35389	15.357	ng		93
55) Dibenzofuran	9.83	168	1518662	36.440	ng		100
56) 4-Nitrophenol	9.75	139	540145	70.833	ng		96
57) 2,4-Dinitrotoluene	9.81	165	385469	38.301	ng		95
58) Fluorene	10.17	166	1087732	38.206	ng		98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	328493	37.999	ng		97
60) Diethylphthalate	10.06	149	1255902	37.007	ng		100
61) 4-Chlorophenyl-phenylether	10.17	204	525260	38.914	ng		99
62) 4-Nitroaniline	10.19	138	333717	34.973	ng		99
63) Azobenzene	10.32	77	1132969	35.742	ng		96
65) 4,6-Dinitro-2-methylphenol	10.22	198	59826	16.210	ng		93
66) n-Nitrosodiphenylamine	10.29	169	1052316	37.691	ng		98
67) 4-Bromophenyl-phenylether	10.65	248	361339	37.190	ng		98
68) Hexachlorobenzene	10.72	284	393008	37.265	ng		99
69) Atrazine	10.82	200	332801	37.056	ng		99
70) Pentachlorophenol	10.91	266	457402	68.079	ng		98
71) Phenanthrene	11.12	178	1895672	39.289	ng		100
72) Anthracene	11.18	178	1840047	37.779	ng		99
73) Carbazole	11.33	167	1632281	37.531	ng		99
74) Di-n-butylphthalate	11.68	149	1875832	37.325	ng		99
75) Fluoranthene	12.30	202	2246570	46.666	ng		99
77) Benzidine	12.42	184	441798	15.224	ng	#	91
78) Pyrene	12.53	202	2288568	45.566	ng		98
80) Butylbenzylphthalate	13.16	149	884645	39.912	ng		98
81) Benzo(a)anthracene	13.71	228	2019295	43.061	ng		100
82) 3,3'-Dichlorobenzidine	13.68	252	425874	25.149	ng		100
83) Chrysene	13.75	228	1882829	43.831	ng		99
84) Bis(2-ethylhexyl)phthalate	13.73	149	1168819	40.244	ng		100
85) Di-n-octyl phthalate	14.34	149	2015378	41.301	ng		100
86) Indeno(1,2,3-cd)pyrene	16.35	276	1423503	28.005	ng		99
88) Benzo(b)fluoranthene	14.71	252	1893580	46.413	ng		98
89) Benzo(k)fluoranthene	14.74	252	1567526	42.843	ng		97
90) Benzo(a)pyrene	15.03	252	1616968	43.972	ng		99
91) Dibenzo(a,h)anthracene	16.37	278	1147268	33.419	ng		98
92) Benzo(g,h,i)perylene	16.73	276	1182192	34.024	ng		98

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

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