Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
Data File : BF114713.D
Acq On : 31 May 2019 17:24
Operator : HP/JU
Sample : K3066-04MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FESB-27(3.5-4)MSD

Manual Integrations APPROVED
mohammad
6/3/2019 8:49:36 AM

Quant Time: Jun 01 01:09:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	356174	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	1362759	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	681602	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	1384210	20.00	ng		0.00
76) Chrysene-d12	13.82	240	842102	20.00	ng		0.00
87) Perylene-d12	15.21	264	955671	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	2425913	119.58	ng		0.02
7) Phenol-d6	6.34	99	3044618	124.54	ng		0.01
23) Nitrobenzene-d5	7.26	82	1884832	86.29	ng		0.00
42) 2,4,6-Tribromophenol	10.51	330	881184	135.68	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	3060281	84.19	ng		0.00
79) Terphenyl-d14	12.78	244	3317152	74.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	364084	37.398	ng		96
3) Pyridine	3.08	79	952772	33.628	ng		97
4) n-Nitrosodimethylamine	3.02	42	442362	38.582	ng		94
6) Aniline	6.36	93	523173	14.168	ng	#	43
8) 2-Chlorophenol	6.49	128	1054162	44.995	ng		97
9) Benzaldehyde	6.24	77	504804	35.724	ng		94
10) Phenol	6.35	94	1239918	41.986	ng		97
11) bis(2-Chloroethyl)ether	6.44	93	954042	42.236	ng		96
12) 1,3-Dichlorobenzene	6.64	146	1093054	40.951	ng		99
13) 1,4-Dichlorobenzene	6.72	146	1099093	41.046	ng		99
14) 1,2-Dichlorobenzene	6.87	146	1040585	42.685	ng		99
15) Benzyl Alcohol	6.84	79	867729	45.125	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1336370	38.572	ng		98
17) 2-Methylphenol	6.96	107	882892	44.556	ng		99
18) Hexachloroethane	7.21	117	399805	39.435	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	673370	39.906	ng		97
20) 3+4-Methylphenols	7.11	107	998503	42.844	ng		93
22) Acetophenone	7.10	105	1347307	46.401	ng	#	99
24) Nitrobenzene	7.27	77	1055769	45.502	ng		97
25) Isophorone	7.52	82	1935654	44.157	ng		99
26) 2-Nitrophenol	7.59	139	582055	51.535	ng		99
27) 2,4-Dimethylphenol	7.64	122	938571	49.967	ng		100
28) bis(2-Chloroethoxy)methane	7.73	93	1232371	44.164	ng		100
29) 2,4-Dichlorophenol	7.84	162	913573	47.783	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	955703	43.874	ng		99
31) Naphthalene	8.00	128	2794003	44.511	ng		99
32) Benzoic acid	7.70	122	63708m	5.222	ng		
33) 4-Chloroaniline	8.04	127	234098	7.828	ng		98
34) Hexachlorobutadiene	8.13	225	513755	42.456	ng		99
35) Caprolactam	8.41	113	278659m	43.188	ng		
36) 4-Chloro-3-methylphenol	8.53	107	948130	49.449	ng		98
37) 2-Methylnaphthalene	8.69	142	1948373	46.716	ng		100
38) 1-Methylnaphthalene	8.79	142	1835760	46.457	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	810361	44.644	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	985458	82.156	ng		99
43) 2,4,6-Trichlorophenol	8.97	196	654754	45.844	ng		98
44) 2,4,5-Trichlorophenol	9.00	196	702035	49.258	ng		99
46) 1,1'-Biphenyl	9.15	154	2240653	44.285	ng		100
47) 2-Chloronaphthalene	9.17	162	1849651	44.566	ng		99
48) 2-Nitroaniline	9.26	65	579858	45.274	ng		98
49) Acenaphthylene	9.59	152	2830911	44.152	ng		99
50) Dimethylphthalate	9.46	163	2417990	50.910	ng		99
51) 2,6-Dinitrotoluene	9.51	165	542533	49.160	ng		96
52) Acenaphthene	9.76	154	1727669	43.936	ng		99
53) 3-Nitroaniline	9.67	138	258474	19.136	ng		99
54) 2,4-Dinitrophenol	9.77	184	146129	33.569	ng	#	86
55) Dibenzofuran	9.93	168	2466651	44.068	ng		98
56) 4-Nitrophenol	9.84	139	934735	93.385	ng		92
57) 2,4-Dinitrotoluene	9.91	165	730706	51.590	ng		94
58) Fluorene	10.27	166	1756887	48.423	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	561385	48.122	ng		99
60) Diethylphthalate	10.16	149	2170648	44.747	ng		98
61) 4-Chlorophenyl-phenylether	10.26	204	876663	47.717	ng		99
62) 4-Nitroaniline	10.29	138	589976	44.825	ng		96
63) Azobenzene	10.42	77	1950900	43.804	ng		99
65) 4,6-Dinitro-2-methylphenol	10.32	198	213483	34.782	ng		86
66) n-Nitrosodiphenylamine	10.38	169	1803250	44.093	ng		100
67) 4-Bromophenyl-phenylether	10.75	248	616745	41.549	ng		96
68) Hexachlorobenzene	10.82	284	675793	42.033	ng		93
69) Atrazine	10.91	200	631331	51.812	ng		98
70) Pentachlorophenol	11.01	266	664550	71.704	ng		98
71) Phenanthrene	11.22	178	2811797	39.821	ng		100
72) Anthracene	11.27	178	2966574	41.511	ng		99
73) Carbazole	11.43	167	2763537	44.000	ng		99
74) Di-n-butylphthalate	11.77	149	3206431	41.462	ng		99
75) Fluoranthene	12.40	202	2988750	40.877	ng		99
77) Benzidine	12.52	184	511442	14.749	ng		100
78) Pyrene	12.63	202	3082220	43.268	ng		99
80) Butylbenzylphthalate	13.26	149	1576210	44.028	ng		98
81) Benzo(a)anthracene	13.81	228	2667652	41.223	ng		100
82) 3,3'-Dichlorobenzidine	13.77	252	454962	18.205	ng		98
83) Chrysene	13.85	228	2662422	43.062	ng		99
84) Bis(2-ethylhexyl)phthalate	13.82	149	1896934	42.859	ng		99
85) Di-n-octyl phthalate	14.43	149	3408936	44.330	ng		98
86) Indeno(1,2,3-cd)pyrene	16.54	276	2617321	42.267	ng		99
88) Benzo(b)fluoranthene	14.82	252	2590078	43.030	ng		100
89) Benzo(k)fluoranthene	14.85	252	2378403	45.461	ng		99
90) Benzo(a)pyrene	15.16	252	2335818	44.174	ng		99
91) Dibenzo(a,h)anthracene	16.56	278	2137581	45.747	ng		99
92) Benzo(g,h,i)perylene	16.94	276	2225058	49.063	ng		99

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

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