Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116013.D
Acq On : 6 Aug 2019 15:16
Operator : HP/JU
Sample : K4135-16MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)MS

Manual Integrations APPROVED
mohammad
8/7/2019 4:41:57 PM

Quant Time: Aug 07 03:49:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	140627	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	540793	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	284101	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	481736	20.00	ng		-0.02
76) Chrysene-d12	14.01	240	288026	20.00	ng		-0.02
87) Perylene-d12	15.47	264	380535	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	993353	118.25	ng		0.00
7) Phenol-d6	6.49	99	1324264	124.95	ng		0.00
23) Nitrobenzene-d5	7.41	82	850693	90.80	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	346169	125.68	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	1389068	91.58	ng		-0.02
79) Terphenyl-d14	12.94	244	1361169	99.58	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	132504	31.223	ng		98
3) Pyridine	3.41	79	356914	30.107	ng		98
4) n-Nitrosodimethylamine	3.34	42	168566	36.032	ng		100
6) Aniline	6.51	93	457839	30.164	ng		97
8) 2-Chlorophenol	6.63	128	377813	40.673	ng		98
9) Benzaldehyde	6.39	77	209264	28.616	ng		97
10) Phenol	6.50	94	492408	39.453	ng		92
11) bis(2-Chloroethyl)ether	6.58	93	369864	40.308	ng		99
12) 1,3-Dichlorobenzene	6.79	146	403612	37.596	ng		99
13) 1,4-Dichlorobenzene	6.86	146	411994	38.329	ng		98
14) 1,2-Dichlorobenzene	7.02	146	381402	38.535	ng		99
15) Benzyl Alcohol	6.99	79	330669	41.112	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	494049	39.473	ng		92
17) 2-Methylphenol	7.10	107	320590	40.759	ng		99
18) Hexachloroethane	7.36	117	150585	38.050	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	263785	40.164	ng		98
20) 3+4-Methylphenols	7.25	107	385416	41.408	ng	#	81
22) Acetophenone	7.25	105	514867	43.411	ng		98
24) Nitrobenzene	7.43	77	425279	42.040	ng		97
25) Isophorone	7.66	82	770379	43.003	ng		99
26) 2-Nitrophenol	7.75	139	210490	44.142	ng		95
27) 2,4-Dimethylphenol	7.78	122	345493	48.158	ng		100
28) bis(2-Chloroethoxy)methane	7.87	93	473898	42.679	ng		99
29) 2,4-Dichlorophenol	7.99	162	332839	43.939	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	354775	41.087	ng		98
31) Naphthalene	8.15	128	1089045	42.794	ng		99
32) Benzoic acid	7.89	122	67945	13.433	ng		99
33) 4-Chloroaniline	8.19	127	330626	29.077	ng		99
34) Hexachlorobutadiene	8.26	225	200493	40.312	ng		98
35) Caprolactam	8.56	113	96920m	39.560	ng		
36) 4-Chloro-3-methylphenol	8.68	107	350999	44.541	ng		95
37) 2-Methylnaphthalene	8.84	142	738793	44.080	ng		99
38) 1-Methylnaphthalene	8.94	142	695665	43.875	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	335378	44.157	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	177497	54.125	ng		97
43) 2,4,6-Trichlorophenol	9.12	196	217412	41.587	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	233634	43.233	ng		97
46) 1,1'-Biphenyl	9.30	154	898694	44.806	ng		99
47) 2-Chloronaphthalene	9.33	162	702193	42.063	ng		99
48) 2-Nitroaniline	9.42	65	227235	41.181	ng		91
49) Acenaphthylene	9.74	152	1073810	44.091	ng		100
50) Dimethylphthalate	9.60	163	970138	50.152	ng		100
51) 2,6-Dinitrotoluene	9.66	165	185865	44.214	ng	#	87
52) Acenaphthene	9.92	154	685563	45.884	ng		99
53) 3-Nitroaniline	9.83	138	165472	31.856	ng		91
54) 2,4-Dinitrophenol	9.95	184	68866	36.876	ng		96
55) Dibenzofuran	10.09	168	982835	45.233	ng		98
56) 4-Nitrophenol	10.01	139	281094	84.476	ng		94
57) 2,4-Dinitrotoluene	10.07	165	240487	42.967	ng		95
58) Fluorene	10.43	166	782811	46.827	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	190683	41.941	ng		99
60) Diethylphthalate	10.30	149	819930	45.400	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	372610	44.010	ng		100
62) 4-Nitroaniline	10.45	138	208226	38.790	ng		97
63) Azobenzene	10.58	77	824717	44.397	ng		95
65) 4,6-Dinitro-2-methylphenol	10.49	198	81561	31.949	ng		96
66) n-Nitrosodiphenylamine	10.54	169	670205	46.222	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	229666	44.535	ng		99
68) Hexachlorobenzene	10.98	284	249482	41.837	ng		99
69) Atrazine	11.06	200	214759	45.021	ng		97
70) Pentachlorophenol	11.18	266	190222	65.704	ng		99
71) Phenanthrene	11.39	178	1692368	68.719	ng		99
72) Anthracene	11.44	178	1253538	50.294	ng		99
73) Carbazole	11.60	167	996501	44.069	ng		99
74) Di-n-butylphthalate	11.92	149	1215108	46.065	ng		100
75) Fluoranthene	12.59	202	1859324	72.116	ng		98
77) Benzidine	12.70	184	544022	55.908	ng		97
78) Pyrene	12.82	202	1727522	79.566	ng		98
80) Butylbenzylphthalate	13.42	149	463893	50.510	ng		96
81) Benzo(a)anthracene	14.00	228	1209529	65.701	ng		98
82) 3,3'-Dichlorobenzidine	13.96	252	240932	37.670	ng		99
83) Chrysene	14.03	228	1105411	61.849	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	633163	53.052	ng		99
85) Di-n-octyl phthalate	14.59	149	1034389	54.566	ng		100
86) Indeno(1,2,3-cd)pyrene	16.95	276	1321931	88.062	ng		99
88) Benzo(b)fluoranthene	15.05	252	1334210	60.638	ng	#	96
89) Benzo(k)fluoranthene	15.07	252	950720	44.362	ng		99
90) Benzo(a)pyrene	15.42	252	1179015	59.943	ng		98
91) Dibenzo(a,h)anthracene	16.96	278	946322	55.582	ng		98
92) Benzo(g,h,i)perylene	17.39	276	1126241	67.356	ng		99

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

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