Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
Data File : BF116295.D
Acq On : 15 Aug 2019 22:58
Operator : HP/JU
Sample : K4321-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2MS

Manual Integrations APPROVED
Jagrut
8/16/2019 5:34:10 PM

Quant Time: Aug 16 11:19:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	83459	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	335815	20.00	ng		-0.03
39) Acenaphthene-d10	9.85	164	185928	20.00	ng		-0.04
64) Phenanthrene-d10	11.34	188	347688	20.00	ng		-0.03
76) Chrysene-d12	13.98	240	302512	20.00	ng		-0.03
87) Perylene-d12	15.44	264	323272	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	548860	110.09	ng		-0.03
7) Phenol-d6	6.46	99	702352	111.66	ng		-0.03
23) Nitrobenzene-d5	7.38	82	442920	76.13	ng		-0.04
42) 2,4,6-Tribromophenol	10.64	330	209531	116.24	ng		-0.03
45) 2-Fluorobiphenyl	9.17	172	834389	84.06	ng		-0.04
79) Terphenyl-d14	12.92	244	1100760	76.67	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	88597	35.177	ng		98
3) Pyridine	3.29	79	207799	29.536	ng		99
4) n-Nitrosodimethylamine	3.22	42	98857m	35.606	ng		
6) Aniline	6.48	93	232593	25.821	ng	#	73
8) 2-Chlorophenol	6.61	128	253122	45.915	ng		99
9) Benzaldehyde	6.37	77	117192	27.003	ng		98
10) Phenol	6.47	94	328999	44.417	ng		81
11) bis(2-Chloroethyl)ether	6.55	93	235644	43.271	ng		99
12) 1,3-Dichlorobenzene	6.76	146	266503	41.829	ng		99
13) 1,4-Dichlorobenzene	6.83	146	276506	43.345	ng		98
14) 1,2-Dichlorobenzene	6.99	146	258209	43.958	ng		99
15) Benzyl Alcohol	6.96	79	211511	44.310	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	316220	42.571	ng		88
17) 2-Methylphenol	7.08	107	208421	44.649	ng		98
18) Hexachloroethane	7.32	117	97175	41.374	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	175883	45.124	ng		97
20) 3+4-Methylphenols	7.23	107	274258	49.648	ng		93
22) Acetophenone	7.23	105	348135	47.270	ng	#	94
24) Nitrobenzene	7.40	77	279988	44.572	ng		97
25) Isophorone	7.64	82	502500	45.171	ng		99
26) 2-Nitrophenol	7.72	139	134278	45.347	ng		94
27) 2,4-Dimethylphenol	7.76	122	226219	50.779	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	309839	44.937	ng		99
29) 2,4-Dichlorophenol	7.97	162	220411	46.858	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	231241	43.127	ng		98
31) Naphthalene	8.12	128	736642	46.615	ng		98
32) Benzoic acid	7.90	122	106924	34.043	ng		95
33) 4-Chloroaniline	8.18	127	97409	13.796	ng		98
34) Hexachlorobutadiene	8.23	225	130643	42.301	ng		99
35) Caprolactam	8.54	113	73099m	48.049	ng		
36) 4-Chloro-3-methylphenol	8.66	107	234834	47.989	ng		99
37) 2-Methylnaphthalene	8.81	142	497059	47.760	ng		98
38) 1-Methylnaphthalene	8.91	142	462136	46.937	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	225460	45.359	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	81910	39.912	ng		97
43) 2,4,6-Trichlorophenol	9.10	196	144376	42.199	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	154281	43.624	ng		98
46) 1,1'-Biphenyl	9.27	154	613368	46.728	ng		98
47) 2-Chloronaphthalene	9.30	162	473479	43.339	ng		100
48) 2-Nitroaniline	9.40	65	153085	42.392	ng		91
49) Acenaphthylene	9.71	152	739925	46.423	ng		99
50) Dimethylphthalate	9.57	163	679511	53.676	ng		100
51) 2,6-Dinitrotoluene	9.64	165	126652	46.036	ng		91
52) Acenaphthene	9.89	154	445086	45.518	ng		100
53) 3-Nitroaniline	9.82	138	84553	24.873	ng		93
54) 2,4-Dinitrophenol	9.93	184	84569	62.348	ng		97
55) Dibenzofuran	10.06	168	654623	46.036	ng		99
56) 4-Nitrophenol	9.99	139	165214	75.868	ng		93
57) 2,4-Dinitrotoluene	10.05	165	167441	45.712	ng		97
58) Fluorene	10.40	166	535582	48.954	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	138361	46.501	ng		99
60) Diethylphthalate	10.27	149	569567	48.189	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	266889	48.168	ng		97
62) 4-Nitroaniline	10.43	138	145872	41.523	ng		98
63) Azobenzene	10.55	77	583807	48.023	ng		97
65) 4,6-Dinitro-2-methylphenol	10.47	198	80425	43.650	ng		95
66) n-Nitrosodiphenylamine	10.51	169	479450	45.814	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	166000	44.600	ng		96
68) Hexachlorobenzene	10.96	284	185558	43.114	ng		93
69) Atrazine	11.03	200	157970	45.884	ng		98
70) Pentachlorophenol	11.16	266	144857	69.325	ng		98
71) Phenanthrene	11.36	178	825063	46.418	ng		100
72) Anthracene	11.42	178	862202	47.930	ng		99
73) Carbazole	11.57	167	801625	49.119	ng		99
74) Di-n-butylphthalate	11.89	149	961528	50.505	ng		98
75) Fluoranthene	12.55	202	932359	50.105	ng		98
77) Benzidine	12.67	184	405494	39.676	ng		98
78) Pyrene	12.78	202	959285	42.067	ng		100
80) Butylbenzylphthalate	13.39	149	443057	45.931	ng		97
81) Benzo(a)anthracene	13.97	228	868647	44.925	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	152586	22.715	ng		98
83) Chrysene	14.00	228	875481	46.638	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	638476	50.935	ng	#	98
85) Di-n-octyl phthalate	14.55	149	1068936	53.688	ng		99
86) Indeno(1,2,3-cd)pyrene	16.90	276	824714	52.309	ng		100
88) Benzo(b)fluoranthene	15.02	252	834278	44.633	ng		100
89) Benzo(k)fluoranthene	15.04	252	839677	46.120	ng		100
90) Benzo(a)pyrene	15.37	252	799830	47.868	ng		98
91) Dibenzo(a,h)anthracene	16.90	278	695392	48.079	ng		98
92) Benzo(g,h,i)perylene	17.33	276	683095	48.090	ng		98

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

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