Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
Data File : BF118406.D
Acq On : 31 Dec 2019 15:37
Operator : JU
Sample : K6465-06MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-9-(8-10)MS

Manual Integrations APPROVED
mohammad
1/2/2020 11:49:52 AM

Quant Time: Jan 01 07:49:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	81799	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	323041	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	193046	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	328586	20.00	ng		0.00
76) Chrysene-d12	14.06	240	233655	20.00	ng		0.00
87) Perylene-d12	15.55	264	244638	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	534906	111.62	ng		0.02
7) Phenol-d6	6.50	99	706402	118.83	ng		0.01
23) Nitrobenzene-d5	7.42	82	443463	78.52	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	243495	102.14	ng		0.01
45) 2-Fluorobiphenyl	9.22	172	857038	67.77	ng		0.00
79) Terphenyl-d14	12.99	244	957199	67.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	70801	37.166	ng		96
3) Pyridine	3.40	79	174382	34.358	ng		96
4) n-Nitrosodimethylamine	3.36	42	103721	49.428	ng	#	83
6) Aniline	6.52	93	238067	31.538	ng	#	74
8) 2-Chlorophenol	6.65	128	280512	51.686	ng		99
9) Benzaldehyde	6.40	77	144619	41.495	ng		96
10) Phenol	6.51	94	318983	47.741	ng		85
11) bis(2-Chloroethyl)ether	6.59	93	227179	47.543	ng		97
12) 1,3-Dichlorobenzene	6.79	146	269495	43.115	ng		96
13) 1,4-Dichlorobenzene	6.87	146	289914	45.664	ng		98
14) 1,2-Dichlorobenzene	7.02	146	274771	45.841	ng		100
15) Benzyl Alcohol	7.00	79	224176	49.529	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	230201	45.147	ng		78
17) 2-Methylphenol	7.12	107	210880	48.445	ng		93
18) Hexachloroethane	7.36	117	107136	45.979	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	176465	48.187	ng		95
20) 3+4-Methylphenols	7.27	107	270696	48.588	ng		96
22) Acetophenone	7.26	105	364226	46.003	ng	#	95
24) Nitrobenzene	7.44	77	267300	47.244	ng		98
25) Isophorone	7.68	82	481698	48.936	ng		98
26) 2-Nitrophenol	7.76	139	140579	46.910	ng		91
27) 2,4-Dimethylphenol	7.80	122	223184	54.585	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	283244	43.999	ng		99
29) 2,4-Dichlorophenol	8.00	162	216079	45.914	ng		100
30) 1,2,4-Trichlorobenzene	8.08	180	241877	44.121	ng		96
31) Naphthalene	8.16	128	771115	46.965	ng		100
32) Benzoic acid	7.95	122	122058	36.847	ng		96
33) 4-Chloroaniline	8.22	127	111955	15.906	ng		98
34) Hexachlorobutadiene	8.27	225	144371	44.240	ng		97
35) Caprolactam	8.60	113	73710m	50.168	ng		
36) 4-Chloro-3-methylphenol	8.71	107	245446	48.577	ng		97
37) 2-Methylnaphthalene	8.86	142	557510	49.594	ng		99
38) 1-Methylnaphthalene	8.96	142	517616	48.873	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	236493	40.773	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	145573	61.905	ng		97
43) 2,4,6-Trichlorophenol	9.15	196	162683	41.983	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	169921	42.628	ng		98
46) 1,1'-Biphenyl	9.32	154	657644	43.071	ng		99
47) 2-Chloronaphthalene	9.35	162	515928	41.983	ng		98
48) 2-Nitroaniline	9.45	65	155584	44.823	ng		97
49) Acenaphthylene	9.77	152	801470	43.975	ng		99
50) Dimethylphthalate	9.62	163	715063	49.346	ng		99
51) 2,6-Dinitrotoluene	9.69	165	141783	45.384	ng		95
52) Acenaphthene	9.94	154	503569	45.361	ng		98
53) 3-Nitroaniline	9.86	138	84174	22.956	ng		91
54) 2,4-Dinitrophenol	9.99	184	110909	71.031	ng		95
55) Dibenzofuran	10.11	168	765924	46.693	ng		95
56) 4-Nitrophenol	10.05	139	187312	82.748	ng		99
57) 2,4-Dinitrotoluene	10.10	165	190022	45.520	ng	#	81
58) Fluorene	10.46	166	576876	43.565	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	150484	44.431	ng		99
60) Diethylphthalate	10.32	149	599351	41.808	ng		98
61) 4-Chlorophenyl-phenylether	10.45	204	279498	42.282	ng		98
62) 4-Nitroaniline	10.49	138	138697	36.411	ng		90
63) Azobenzene	10.60	77	557985	45.441	ng		94
65) 4,6-Dinitro-2-methylphenol	10.52	198	84700	47.783	ng		96
66) n-Nitrosodiphenylamine	10.57	169	510553	48.480	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	180817	47.022	ng		92
68) Hexachlorobenzene	11.01	284	202106	44.651	ng		98
69) Atrazine	11.10	200	180176	55.435	ng		99
70) Pentachlorophenol	11.21	266	160262	81.754	ng		99
71) Phenanthrene	11.43	178	903439	50.435	ng		99
72) Anthracene	11.47	178	888014	49.528	ng		98
73) Carbazole	11.63	167	747162	46.963	ng		99
74) Di-n-butylphthalate	11.95	149	976811	48.422	ng		99
75) Fluoranthene	12.62	202	1027137	56.817	ng		99
77) Benzidine	12.74	184	394514	61.621	ng		97
78) Pyrene	12.85	202	1023033	53.617	ng		99
80) Butylbenzylphthalate	13.46	149	414312	48.225	ng		93
81) Benzo(a)anthracene	14.04	228	784161	47.946	ng		97
82) 3,3'-Dichlorobenzidine	14.00	252	174584	31.483	ng		98
83) Chrysene	14.09	228	661914	42.267	ng		100
84) Bis(2-ethylhexyl)phthalate	14.02	149	621032	54.974	ng		99
85) Di-n-octyl phthalate	14.63	149	936464	56.355	ng		99
86) Indeno(1,2,3-cd)pyrene	17.08	276	766895	57.473	ng		99
88) Benzo(b)fluoranthene	15.12	252	740380	45.593	ng		99
89) Benzo(k)fluoranthene	15.14	252	652876	41.872	ng		98
90) Benzo(a)pyrene	15.49	252	639613	44.712	ng		99
91) Dibenzo(a,h)anthracene	17.09	278	631977	50.909	ng		97
92) Benzo(g,h,i)perylene	17.53	276	642863	53.609	ng		98

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

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