Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092419\
Data File : BF117226.D
Acq On : 24 Sep 2019 20:07
Operator : JU
Sample : K5008-07MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-7MS

Manual Integrations APPROVED
mohammad
9/26/2019 8:24:15 AM

Quant Time: Sep 25 07:11:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	26774	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	108252	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	57830	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	95839	20.00	ng		0.00
76) Chrysene-d12	13.97	240	63777	20.00	ng		0.00
87) Perylene-d12	15.43	264	67036	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	155995	90.96	ng		0.00
7) Phenol-d6	6.46	99	217593	98.18	ng		0.00
23) Nitrobenzene-d5	7.37	82	135144	65.60	ng		-0.01
42) 2,4,6-Tribromophenol	10.64	330	41301	85.45	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	219805	59.43	ng		0.00
79) Terphenyl-d14	12.92	244	210165	61.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	24148	33.651	ng	#	95
3) Pyridine	3.32	79	54557	27.776	ng		92
4) n-Nitrosodimethylamine	3.26	42	26942	39.971	ng		82
6) Aniline	6.47	93	73553	25.777	ng	#	55
8) 2-Chlorophenol	6.60	128	75662	40.897	ng		96
9) Benzaldehyde	6.36	77	51962	49.061	ng		96
10) Phenol	6.47	94	101774	41.655	ng		93
11) bis(2-Chloroethyl)ether	6.55	93	68981	38.414	ng		98
12) 1,3-Dichlorobenzene	6.76	146	77328	37.248	ng		99
13) 1,4-Dichlorobenzene	6.83	146	81703	38.565	ng		98
14) 1,2-Dichlorobenzene	6.99	146	77148	39.112	ng		95
15) Benzyl Alcohol	6.96	79	72163	42.460	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	64600	36.412	ng		76
17) 2-Methylphenol	7.07	107	60025	38.713	ng		92
18) Hexachloroethane	7.32	117	30924	37.942	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	55095	40.825	ng		95
20) 3+4-Methylphenols	7.23	107	82372	42.651	ng	#	82
22) Acetophenone	7.22	105	114028	41.459	ng		97
24) Nitrobenzene	7.39	77	83642	41.110	ng		98
25) Isophorone	7.63	82	150638	41.295	ng		98
26) 2-Nitrophenol	7.71	139	36298	41.534	ng		90
27) 2,4-Dimethylphenol	7.75	122	65192	47.040	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	87840	39.083	ng		97
29) 2,4-Dichlorophenol	7.96	162	61264	42.188	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	61663	39.304	ng		98
31) Naphthalene	8.12	128	216598	41.603	ng		99
32) Benzoic acid	7.88	122	28384	29.992	ng		97
33) 4-Chloroaniline	8.17	127	35148	15.221	ng		99
34) Hexachlorobutadiene	8.23	225	36086	40.542	ng		96
35) Caprolactam	8.53	113	18878m	38.407	ng		
36) 4-Chloro-3-methylphenol	8.66	107	70759	41.789	ng		94
37) 2-Methylnaphthalene	8.81	142	146350	41.744	ng		98
38) 1-Methylnaphthalene	8.91	142	137292	41.813	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	59273	39.692	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	25365	42.505	ng		95
43) 2,4,6-Trichlorophenol	9.09	196	39852	39.325	ng		97
44) 2,4,5-Trichlorophenol	9.14	196	42537	39.286	ng		98
46) 1,1'-Biphenyl	9.27	154	176460	38.900	ng		99
47) 2-Chloronaphthalene	9.30	162	138461	38.676	ng		99
48) 2-Nitroaniline	9.40	65	45032	39.216	ng		99
49) Acenaphthylene	9.71	152	217714	40.595	ng		99
50) Dimethylphthalate	9.57	163	193092	47.157	ng		100
51) 2,6-Dinitrotoluene	9.63	165	34354	41.194	ng	#	78
52) Acenaphthene	9.88	154	127541	40.118	ng		99
53) 3-Nitroaniline	9.80	138	22128	21.030	ng		91
54) 2,4-Dinitrophenol	9.93	184	6125	24.227	ng		90
55) Dibenzofuran	10.06	168	195459	41.670	ng		99
56) 4-Nitrophenol	9.99	139	46720	68.511	ng		95
57) 2,4-Dinitrotoluene	10.05	165	44534	41.139	ng	#	94
58) Fluorene	10.40	166	159563	42.230	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	32576	39.316	ng		98
60) Diethylphthalate	10.27	149	162679	40.383	ng		96
61) 4-Chlorophenyl-phenylether	10.39	204	68108	41.662	ng		97
62) 4-Nitroaniline	10.42	138	36891	33.714	ng		89
63) Azobenzene	10.54	77	172060	41.819	ng		97
65) 4,6-Dinitro-2-methylphenol	10.46	198	6583	19.809	ng		81
66) n-Nitrosodiphenylamine	10.50	169	140411	42.422	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	39449	40.306	ng		94
68) Hexachlorobenzene	10.95	284	42203	39.423	ng		95
69) Atrazine	11.03	200	37015	44.926	ng		97
70) Pentachlorophenol	11.15	266	35165	70.078	ng		99
71) Phenanthrene	11.36	178	217575	39.969	ng		100
72) Anthracene	11.41	178	234657	42.223	ng		98
73) Carbazole	11.57	167	214811	40.721	ng		98
74) Di-n-butylphthalate	11.89	149	259671	41.373	ng		99
75) Fluoranthene	12.54	202	221486	39.598	ng		99
77) Benzidine	12.67	184	109150	53.129	ng		99
78) Pyrene	12.77	202	217663	40.674	ng		98
80) Butylbenzylphthalate	13.39	149	107231	42.407	ng		99
81) Benzo(a)anthracene	13.96	228	170874	40.102	ng		98
82) 3,3'-Dichlorobenzidine	13.92	252	54363	39.592	ng		94
83) Chrysene	14.00	228	168365	40.513	ng		97
84) Bis(2-ethylhexyl)phthalate	13.94	149	148766	45.630	ng		98
85) Di-n-octyl phthalate	14.55	149	232506	45.310	ng		100
86) Indeno(1,2,3-cd)pyrene	16.88	276	155776	51.378	ng		98
88) Benzo(b)fluoranthene	15.01	252	155730	38.351	ng		97
89) Benzo(k)fluoranthene	15.03	252	147173	38.261	ng		99
90) Benzo(a)pyrene	15.37	252	149523	41.962	ng		99
91) Dibenzo(a,h)anthracene	16.89	278	131577	46.353	ng		98
92) Benzo(g,h,i)perylene	17.32	276	121856	43.079	ng		95

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

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