Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
Data File : BF118407.D
Acq On : 31 Dec 2019 16:05
Operator : JU
Sample : K6465-06MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
1/2/2020 11:49:54 AM

Quant Time: Jan 01 01:17:46 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	96511	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	382752	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	203972	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	393430	20.00	ng		0.00
76) Chrysene-d12	14.06	240	237430	20.00	ng		0.00
87) Perylene-d12	15.55	264	224058	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	552498	97.72	ng		0.02
7) Phenol-d6	6.50	99	707833	100.92	ng		0.01
23) Nitrobenzene-d5	7.42	82	454514	67.92	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	259921	103.19	ng		0.01
45) 2-Fluorobiphenyl	9.22	172	845022	63.24	ng		0.00
79) Terphenyl-d14	12.99	244	960844	67.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	74165	32.997	ng		95
3) Pyridine	3.42	79	203653	34.009	ng		97
4) n-Nitrosodimethylamine	3.38	42	118642	47.920	ng	#	79
6) Aniline	6.52	93	265466	29.807	ng	#	67
8) 2-Chlorophenol	6.65	128	304819	47.603	ng		98
9) Benzaldehyde	6.40	77	169653	41.257	ng		94
10) Phenol	6.51	94	344618	43.715	ng		82
11) bis(2-Chloroethyl)ether	6.59	93	254957	45.223	ng		99
12) 1,3-Dichlorobenzene	6.79	146	335228	45.456	ng		98
13) 1,4-Dichlorobenzene	6.87	146	345114	46.072	ng		98
14) 1,2-Dichlorobenzene	7.02	146	312343	44.166	ng		99
15) Benzyl Alcohol	7.00	79	252166	47.220	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	257431	42.791	ng		73
17) 2-Methylphenol	7.12	107	233181	45.402	ng	#	93
18) Hexachloroethane	7.36	117	125215	45.546	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	202996	46.982	ng		95
20) 3+4-Methylphenols	7.27	107	311044	47.320	ng		94
22) Acetophenone	7.27	105	416862	44.438	ng	#	94
24) Nitrobenzene	7.44	77	311851	46.520	ng		98
25) Isophorone	7.68	82	535991	45.957	ng		99
26) 2-Nitrophenol	7.76	139	166493	46.890	ng		92
27) 2,4-Dimethylphenol	7.80	122	260415	53.754	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	323044	42.353	ng		99
29) 2,4-Dichlorophenol	8.00	162	253394	45.443	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	282152	43.438	ng		100
31) Naphthalene	8.16	128	905638	46.553	ng		99
32) Benzoic acid	7.95	122	145901	37.123	ng		95
33) 4-Chloroaniline	8.22	127	143785	17.241	ng		96
34) Hexachlorobutadiene	8.27	225	166834	43.148	ng		100
35) Caprolactam	8.60	113	78097m	44.862	ng		
36) 4-Chloro-3-methylphenol	8.71	107	265386	44.329	ng		96
37) 2-Methylnaphthalene	8.86	142	592321	44.471	ng		98
38) 1-Methylnaphthalene	8.96	142	552505	44.029	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	259445	42.334	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	157690	63.238	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	174824	42.700	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	186466	44.272	ng		98
46) 1,1'-Biphenyl	9.32	154	725169	44.949	ng		98
47) 2-Chloronaphthalene	9.35	162	561687	43.259	ng		98
48) 2-Nitroaniline	9.45	65	161889	44.141	ng		95
49) Acenaphthylene	9.77	152	889646	46.198	ng		99
50) Dimethylphthalate	9.62	163	721498	47.123	ng		99
51) 2,6-Dinitrotoluene	9.69	165	149550	45.306	ng		88
52) Acenaphthene	9.94	154	543399	46.327	ng		98
53) 3-Nitroaniline	9.87	138	91127	23.521	ng		96
54) 2,4-Dinitrophenol	9.99	184	121565	73.492	ng		96
55) Dibenzofuran	10.12	168	862209	49.747	ng		98
56) 4-Nitrophenol	10.05	139	195645	81.800	ng		94
57) 2,4-Dinitrotoluene	10.10	165	210768	47.785	ng	#	78
58) Fluorene	10.46	166	693230	49.548	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	163594	45.714	ng		98
60) Diethylphthalate	10.33	149	725811	47.917	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	334846	47.942	ng		99
62) 4-Nitroaniline	10.49	138	160597	39.902	ng		95
63) Azobenzene	10.61	77	637247	49.116	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	98362	46.344	ng		88
66) n-Nitrosodiphenylamine	10.57	169	578449	45.875	ng		98
67) 4-Bromophenyl-phenylether	10.94	248	206350	44.817	ng		97
68) Hexachlorobenzene	11.01	284	234685	43.303	ng		98
69) Atrazine	11.10	200	205131	52.710	ng		98
70) Pentachlorophenol	11.21	266	190069	80.979	ng		98
71) Phenanthrene	11.43	178	1079829	50.347	ng		100
72) Anthracene	11.48	178	1039916	48.440	ng		99
73) Carbazole	11.63	167	855757	44.923	ng		99
74) Di-n-butylphthalate	11.96	149	1160616	48.051	ng		99
75) Fluoranthene	12.62	202	1085191	50.135	ng		98
77) Benzidine	12.74	184	436311	67.066	ng		98
78) Pyrene	12.85	202	1090926	56.266	ng		99
80) Butylbenzylphthalate	13.46	149	464986	53.263	ng		100
81) Benzo(a)anthracene	14.05	228	802619	48.294	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	190335	33.778	ng		99
83) Chrysene	14.09	228	754316	47.401	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	651379	56.744	ng		100
85) Di-n-octyl phthalate	14.63	149	1020245	60.421	ng		99
86) Indeno(1,2,3-cd)pyrene	17.08	276	689104	50.822	ng		99
88) Benzo(b)fluoranthene	15.12	252	736579	49.525	ng		100
89) Benzo(k)fluoranthene	15.14	252	608006	42.575	ng		98
90) Benzo(a)pyrene	15.49	252	595288	45.435	ng		98
91) Dibenzo(a,h)anthracene	17.09	278	563603	49.571	ng		97
92) Benzo(g,h,i)perylene	17.53	276	548385	49.931	ng		99

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

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