Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
Data File : BF119117.D
Acq On : 27 Feb 2020 18:41
Operator : CG/JU
Sample : L1688-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-02-022420MSD

Manual Integrations APPROVED
mohammad
2/28/2020 2:41:42 PM

Quant Time: Feb 28 04:28:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	142907	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	526739	20.00	ng		0.00
39) Acenaphthene-d10	9.78	164	273703	20.00	ng		0.00
64) Phenanthrene-d10	11.26	188	480554	20.00	ng		0.00
76) Chrysene-d12	13.90	240	320393	20.00	ng		0.00
87) Perylene-d12	15.33	264	354774	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	707617	82.75	ng		0.00
7) Phenol-d6	6.40	99	856224	82.33	ng		0.00
23) Nitrobenzene-d5	7.31	82	564200	56.56	ng		-0.01
42) 2,4,6-Tribromophenol	10.57	330	265443	74.14	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1064745	57.31	ng		0.00
79) Terphenyl-d14	12.84	244	1117647	60.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	153720	40.375	ng		98
3) Pyridine	3.22	79	390551	37.561	ng		98
4) n-Nitrosodimethylamine	3.16	42	157768	50.088	ng		98
6) Aniline	6.41	93	444846	34.665	ng		96
8) 2-Chlorophenol	6.54	128	476824	51.669	ng		97
9) Benzaldehyde	6.29	77	193306	27.820	ng		100
10) Phenol	6.41	94	554248	49.292	ng		98
11) bis(2-Chloroethyl)ether	6.48	93	425807	49.493	ng		98
12) 1,3-Dichlorobenzene	6.69	146	518091	46.840	ng		97
13) 1,4-Dichlorobenzene	6.76	146	526140	47.535	ng		98
14) 1,2-Dichlorobenzene	6.92	146	488200	48.363	ng		99
15) Benzyl Alcohol	6.90	79	384472	51.151	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.03	45	339782	45.592	ng		96
17) 2-Methylphenol	7.02	107	368817	49.294	ng		99
18) Hexachloroethane	7.26	117	181890	45.933	ng		98
19) n-Nitroso-di-n-propylamine	7.16	70	300688	49.618	ng		99
20) 3+4-Methylphenols	7.17	107	461692	50.367	ng		96
22) Acetophenone	7.16	105	607903	49.880	ng	#	97
24) Nitrobenzene	7.33	77	474324	48.080	ng		96
25) Isophorone	7.57	82	839947	48.480	ng		99
26) 2-Nitrophenol	7.65	139	255692	48.916	ng		95
27) 2,4-Dimethylphenol	7.69	122	387646	54.643	ng		98
28) bis(2-Chloroethoxy)methane	7.78	93	519078	46.029	ng		99
29) 2,4-Dichlorophenol	7.90	162	394289	47.211	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	453118	45.761	ng		98
31) Naphthalene	8.05	128	1305690	47.797	ng		99
32) Benzoic acid	7.85	122	236218	45.963	ng		97
33) 4-Chloroaniline	8.10	127	192069	16.347	ng		96
34) Hexachlorobutadiene	8.17	225	277749	45.031	ng		97
35) Caprolactam	8.48	113	119542m	46.486	ng		
36) 4-Chloro-3-methylphenol	8.60	107	407857	48.255	ng		99
37) 2-Methylnaphthalene	8.74	142	887233	48.261	ng		99
38) 1-Methylnaphthalene	8.84	142	827116	47.840	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	442532	47.955	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	238088	71.951	ng		99
43) 2,4,6-Trichlorophenol	9.03	196	277864	47.682	ng		99
44) 2,4,5-Trichlorophenol	9.07	196	289509	47.343	ng		98
46) 1,1'-Biphenyl	9.20	154	1059704	47.905	ng		99
47) 2-Chloronaphthalene	9.23	162	846819	47.505	ng		98
48) 2-Nitroaniline	9.33	65	234055	47.075	ng		98
49) Acenaphthylene	9.65	152	1279138	49.683	ng		99
50) Dimethylphthalate	9.51	163	1066827	50.972	ng		99
51) 2,6-Dinitrotoluene	9.57	165	226178	48.641	ng		95
52) Acenaphthene	9.82	154	745851	48.044	ng		98
53) 3-Nitroaniline	9.74	138	113376	21.993	ng		99
54) 2,4-Dinitrophenol	9.86	184	132607	60.669	ng	#	92
55) Dibenzofuran	9.99	168	1128950	48.721	ng		99
56) 4-Nitrophenol	9.92	139	261067	84.290	ng		92
57) 2,4-Dinitrotoluene	9.98	165	282696	46.904	ng		95
58) Fluorene	10.33	166	874658	48.577	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	248224	48.106	ng		97
60) Diethylphthalate	10.20	149	959976	48.671	ng		99
61) 4-Chlorophenyl-phenylether	10.32	204	461320	48.403	ng		94
62) 4-Nitroaniline	10.36	138	193452	36.679	ng		98
63) Azobenzene	10.48	77	847512	49.435	ng		98
65) 4,6-Dinitro-2-methylphenol	10.39	198	122183	42.018	ng		97
66) n-Nitrosodiphenylamine	10.44	169	794366	50.484	ng		99
67) 4-Bromophenyl-phenylether	10.81	248	301572	48.010	ng		92
68) Hexachlorobenzene	10.88	284	333490	46.048	ng		96
69) Atrazine	10.97	200	280269	50.979	ng		99
70) Pentachlorophenol	11.08	266	239079	81.951	ng		100
71) Phenanthrene	11.29	178	1263029	48.194	ng		98
72) Anthracene	11.34	178	1313843	50.175	ng		98
73) Carbazole	11.50	167	1106317	47.425	ng		99
74) Di-n-butylphthalate	11.83	149	1442709	51.069	ng		98
75) Fluoranthene	12.47	202	1287627	46.287	ng		99
77) Benzidine	12.60	184	618904	47.498	ng		97
78) Pyrene	12.70	202	1260992	49.014	ng		99
80) Butylbenzylphthalate	13.32	149	554216	51.184	ng		97
81) Benzo(a)anthracene	13.89	228	1076900	49.330	ng		99
82) 3,3'-Dichlorobenzidine	13.85	252	382129	45.079	ng		98
83) Chrysene	13.93	228	1032820	47.481	ng		99
84) Bis(2-ethylhexyl)phthalate	13.88	149	768719	56.195	ng		99
85) Di-n-octyl phthalate	14.49	149	1248597	57.287	ng		99
86) Indeno(1,2,3-cd)pyrene	16.74	276	1273348	60.457	ng		100
88) Benzo(b)fluoranthene	14.92	252	1078392	46.115	ng		100
89) Benzo(k)fluoranthene	14.95	252	1068955	49.326	ng		99
90) Benzo(a)pyrene	15.27	252	1007636	47.743	ng		99
91) Dibenzo(a,h)anthracene	16.74	278	1067448	57.482	ng		99
92) Benzo(g,h,i)perylene	17.16	276	1069316	58.279	ng		99

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

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