Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
Data File : BF118925.D
Acq On : 13 Feb 2020 17:57
Operator : CG/JU
Sample : L1493-07MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2S-SECTION-FMSD

Manual Integrations APPROVED
mohammad
2/17/2020 3:46:06 PM

Quant Time: Feb 14 01:08:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	221154	20.00	ng		-0.02
21) Naphthalene-d8	8.07	136	831794	20.00	ng		-0.03
39) Acenaphthene-d10	9.83	164	453327	20.00	ng		-0.03
64) Phenanthrene-d10	11.32	188	874902	20.00	ng		-0.02
76) Chrysene-d12	13.96	240	784247	20.00	ng		-0.02
87) Perylene-d12	15.39	264	766804	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1356604	116.12	ng		0.00
7) Phenol-d6	6.44	99	1724858	118.93	ng		-0.01
23) Nitrobenzene-d5	7.36	82	1359080	97.39	ng		-0.02
42) 2,4,6-Tribromophenol	10.62	330	715073	131.83	ng		-0.02
45) 2-Fluorobiphenyl	9.15	172	2628169	103.64	ng		-0.03
79) Terphenyl-d14	12.90	244	3201178	83.84	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	234710	44.082	ng	#	84
3) Pyridine	3.40	79	539220	36.472	ng		99
4) n-Nitrosodimethylamine	3.30	42	265363	49.298	ng		96
6) Aniline	6.46	93	198361	10.619	ng	#	19
8) 2-Chlorophenol	6.59	128	697975	53.637	ng		98
9) Benzaldehyde	6.35	77	281553	31.225	ng		99
10) Phenol	6.45	94	683568	42.389	ng		99
11) bis(2-Chloroethyl)ether	6.53	93	658366	53.363	ng		99
12) 1,3-Dichlorobenzene	6.73	146	749891	48.413	ng		100
13) 1,4-Dichlorobenzene	6.81	146	756988	48.994	ng		100
14) 1,2-Dichlorobenzene	6.96	146	701197	47.509	ng		97
15) Benzyl Alcohol	6.94	79	573842	51.189	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	761440	50.398	ng		89
17) 2-Methylphenol	7.06	107	543366	50.223	ng		97
18) Hexachloroethane	7.30	117	262838	47.398	ng		99
19) n-Nitroso-di-n-propylamine	7.21	70	442903	49.912	ng		99
20) 3+4-Methylphenols	7.21	107	654379	48.255	ng		89
22) Acetophenone	7.20	105	894106	49.475	ng	#	97
24) Nitrobenzene	7.37	77	724260	51.952	ng		99
25) Isophorone	7.62	82	1274604	50.821	ng		100
26) 2-Nitrophenol	7.69	139	386237	51.993	ng		99
27) 2,4-Dimethylphenol	7.73	122	586434	58.114	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	797891	49.061	ng		99
29) 2,4-Dichlorophenol	7.94	162	610294	50.500	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	680670	48.187	ng		99
31) Naphthalene	8.10	128	1967683	51.723	ng		99
32) Benzoic acid	7.85	122	194662	23.299	ng		97
33) 4-Chloroaniline	8.15	127	82855	4.868	ng		99
34) Hexachlorobutadiene	8.22	225	384324	44.410	ng		97
35) Caprolactam	8.51	113	143644m	36.666	ng		
36) 4-Chloro-3-methylphenol	8.64	107	600688	49.391	ng		98
37) 2-Methylnaphthalene	8.79	142	1353633	51.304	ng		98
38) 1-Methylnaphthalene	8.89	142	1275391	51.385	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	674591	49.306	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	424819	79.186	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	433146	47.343	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	477945	51.127	ng		98
46) 1,1'-Biphenyl	9.25	154	1624921	51.817	ng		99
47) 2-Chloronaphthalene	9.27	162	1301538	49.926	ng		99
48) 2-Nitroaniline	9.37	65	379875	50.522	ng		98
49) Acenaphthylene	9.69	152	2008588	53.362	ng		99
50) Dimethylphthalate	9.56	163	1507017	48.822	ng		99
51) 2,6-Dinitrotoluene	9.62	165	358876	50.812	ng		97
52) Acenaphthene	9.86	154	1182325	47.667	ng		99
53) 3-Nitroaniline	9.78	138	85107	10.865	ng		99
54) 2,4-Dinitrophenol	9.89	184	170557	50.233	ng		95
55) Dibenzofuran	10.04	168	1800453	50.228	ng		96
56) 4-Nitrophenol	9.96	139	493628	87.076	ng		91
57) 2,4-Dinitrotoluene	10.02	165	483131	51.690	ng	#	86
58) Fluorene	10.38	166	1381294	51.221	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	409427	50.150	ng		99
60) Diethylphthalate	10.25	149	1407525	46.894	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	707384	48.369	ng		98
62) 4-Nitroaniline	10.40	138	340624	43.425	ng		98
63) Azobenzene	10.53	77	1342759	52.401	ng		98
65) 4,6-Dinitro-2-methylphenol	10.43	198	195868	39.841	ng		95
66) n-Nitrosodiphenylamine	10.49	169	1280019	50.509	ng		100
67) 4-Bromophenyl-phenylether	10.86	248	485562	46.915	ng		99
68) Hexachlorobenzene	10.93	284	556329	46.864	ng		94
69) Atrazine	11.02	200	462374	54.764	ng		100
70) Pentachlorophenol	11.13	266	523611	83.535	ng		99
71) Phenanthrene	11.34	178	2143349	49.791	ng		99
72) Anthracene	11.39	178	2201625	51.411	ng		99
73) Carbazole	11.54	167	2017762	53.689	ng		99
74) Di-n-butylphthalate	11.87	149	2164532	45.212	ng		99
75) Fluoranthene	12.53	202	2391117	50.876	ng		98
77) Benzidine	12.64	184	857507	36.151	ng		98
78) Pyrene	12.76	202	2455088	45.632	ng		100
80) Butylbenzylphthalate	13.37	149	1000121	40.727	ng		98
81) Benzo(a)anthracene	13.94	228	2253310	48.285	ng		99
82) 3,3'-Dichlorobenzidine	13.90	252	190963	10.005	ng		99
83) Chrysene	13.98	228	2170224	46.335	ng		99
84) Bis(2-ethylhexyl)phthalate	13.93	149	1240752	39.825	ng		99
85) Di-n-octyl phthalate	14.54	149	2168983	40.638	ng		100
86) Indeno(1,2,3-cd)pyrene	16.83	276	2269474	48.226	ng		99
88) Benzo(b)fluoranthene	14.98	252	2212569	46.500	ng		100
89) Benzo(k)fluoranthene	15.01	252	2147482	51.829	ng		98
90) Benzo(a)pyrene	15.34	252	1980272	48.631	ng		99
91) Dibenzo(a,h)anthracene	16.84	278	1864167	51.569	ng		99
92) Benzo(g,h,i)perylene	17.26	276	1960931	56.405	ng		99

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

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