Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
Data File : BF118924.D
Acq On : 13 Feb 2020 17:28
Operator : CG/JU
Sample : L1493-07MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-SECTION-FMS

Manual Integrations APPROVED
mohammad
2/17/2020 3:46:03 PM

Quant Time: Feb 14 01:06:39 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	6.80	152	227410	20.00	ng		-0.02
21) Naphthalene-d8	8.07	136	620589	20.00	ng		-0.03
39) Acenaphthene-d10	9.83	164	337708	20.00	ng		-0.02
64) Phenanthrene-d10	11.32	188	810171	20.00	ng		-0.02
76) Chrysene-d12	13.96	240	530781	20.00	ng		-0.02
87) Perylene-d12	15.39	264	492050	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1560989	129.93	ng		0.00
7) Phenol-d6	6.44	99	1787732	119.88	ng		-0.01
23) Nitrobenzene-d5	7.36	82	994319	95.50	ng		-0.02
42) 2,4,6-Tribromophenol	10.62	330	558436	138.20	ng		-0.02
45) 2-Fluorobiphenyl	9.15	172	1964705	104.00	ng		-0.03
79) Terphenyl-d14	12.90	244	3154092	122.06	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	248257	45.344	ng	#	86
3) Pyridine	3.40	79	585099	38.486	ng		99
4) n-Nitrosodimethylamine	3.30	42	287686	51.974	ng		98
6) Aniline	6.46	93	195075	10.156	ng	#	1
8) 2-Chlorophenol	6.59	128	720114	53.816	ng		99
9) Benzaldehyde	6.35	77	275048	29.147	ng		99
10) Phenol	6.45	94	708955	42.754	ng		99
11) bis(2-Chloroethyl)ether	6.53	93	678866	53.511	ng		99
12) 1,3-Dichlorobenzene	6.74	146	715990	44.952	ng		98
13) 1,4-Dichlorobenzene	6.82	146	725416	45.659	ng		98
14) 1,2-Dichlorobenzene	6.97	146	671928	44.273	ng		99
15) Benzyl Alcohol	6.94	79	580518	50.360	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	741590	47.734	ng		96
17) 2-Methylphenol	7.06	107	545799	49.061	ng		99
18) Hexachloroethane	7.31	117	185259	32.489	ng		96
19) n-Nitroso-di-n-propylamine	7.21	70	403285	44.197	ng		99
20) 3+4-Methylphenols	7.21	107	594277	42.617	ng		95
22) Acetophenone	7.20	105	813114	60.306	ng		97
24) Nitrobenzene	7.37	77	525458	50.519	ng		99
25) Isophorone	7.62	82	927224	49.552	ng		99
26) 2-Nitrophenol	7.69	139	286875	51.760	ng		98
27) 2,4-Dimethylphenol	7.73	122	435031	57.782	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	580609	47.851	ng		98
29) 2,4-Dichlorophenol	7.94	162	449817	49.889	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	495026	46.972	ng		99
31) Naphthalene	8.10	128	1465620	51.637	ng		99
32) Benzoic acid	7.85	122	120035	19.256	ng		94
33) 4-Chloroaniline	8.15	127	58733	4.625	ng		98
34) Hexachlorobutadiene	8.22	225	291742	45.184	ng		99
35) Caprolactam	8.52	113	116826m	39.969	ng		
36) 4-Chloro-3-methylphenol	8.64	107	456848	50.348	ng		99
37) 2-Methylnaphthalene	8.79	142	1017325	51.680	ng		98
38) 1-Methylnaphthalene	8.89	142	948259	51.207	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	498730	48.932	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	338002	84.573	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	326426	47.894	ng		98
44) 2,4,5-Trichlorophenol	9.12	196	355050	50.983	ng		97
46) 1,1'-Biphenyl	9.25	154	1207352	51.683	ng		99
47) 2-Chloronaphthalene	9.28	162	983881	50.662	ng		98
48) 2-Nitroaniline	9.37	65	269039	48.032	ng		98
49) Acenaphthylene	9.69	152	1520125	54.211	ng		99
50) Dimethylphthalate	9.56	163	1160505	50.468	ng		99
51) 2,6-Dinitrotoluene	9.62	165	272502	51.792	ng		100
52) Acenaphthene	9.86	154	880526	47.653	ng		99
53) 3-Nitroaniline	9.78	138	42443	7.274	ng		97
54) 2,4-Dinitrophenol	9.90	184	122415	48.398	ng		93
55) Dibenzofuran	10.04	168	1346061	50.408	ng		99
56) 4-Nitrophenol	9.96	139	356663	84.455	ng		96
57) 2,4-Dinitrotoluene	10.02	165	355727	51.089	ng	#	87
58) Fluorene	10.38	166	1037030	51.621	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	301009	49.493	ng		99
60) Diethylphthalate	10.26	149	1094164	48.935	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	534534	49.063	ng		97
62) 4-Nitroaniline	10.40	138	243524	41.675	ng		98
63) Azobenzene	10.53	77	969149	50.769	ng		96
65) 4,6-Dinitro-2-methylphenol	10.43	198	141889	31.168	ng		96
66) n-Nitrosodiphenylamine	10.49	169	957033	40.781	ng		100
67) 4-Bromophenyl-phenylether	10.86	248	490338	51.162	ng		99
68) Hexachlorobenzene	10.93	284	523849	47.654	ng		98
69) Atrazine	11.02	200	452960	57.935	ng		97
70) Pentachlorophenol	11.13	266	496541	85.546	ng		99
71) Phenanthrene	11.34	178	1988032	49.873	ng		99
72) Anthracene	11.39	178	2057836	51.893	ng		99
73) Carbazole	11.54	167	2003631	57.573	ng		99
74) Di-n-butylphthalate	11.87	149	2234742	50.408	ng		100
75) Fluoranthene	12.53	202	2362206	54.276	ng		98
77) Benzidine	12.64	184	704504	43.884	ng		98
78) Pyrene	12.76	202	2382984	65.443	ng		100
80) Butylbenzylphthalate	13.37	149	730817	43.972	ng		99
81) Benzo(a)anthracene	13.94	228	1567941	49.643	ng		99
82) 3,3'-Dichlorobenzidine	13.90	252	108568	8.404	ng		97
83) Chrysene	13.98	228	1521251	47.989	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	937371	44.455	ng		99
85) Di-n-octyl phthalate	14.54	149	1585721	43.898	ng		99
86) Indeno(1,2,3-cd)pyrene	16.83	276	1472823	46.243	ng		99
88) Benzo(b)fluoranthene	14.98	252	1497009	49.030	ng		99
89) Benzo(k)fluoranthene	15.01	252	1460259	54.922	ng		99
90) Benzo(a)pyrene	15.34	252	1323544	50.652	ng		98
91) Dibenzo(a,h)anthracene	16.84	278	1212448	52.268	ng		99
92) Benzo(g,h,i)perylene	17.26	276	1250177	56.041	ng		99

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

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