Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
Data File : BF118918.D
Acq On : 13 Feb 2020 14:14
Operator : CG/JU
Sample : PB126794BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB126794BS

Manual Integrations APPROVED
mohammad
2/17/2020 3:46:01 PM

Quant Time: Feb 14 11:07:55 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	222924	20.00	ng		-0.02
21) Naphthalene-d8	8.07	136	851301	20.00	ng		-0.03
39) Acenaphthene-d10	9.83	164	451243	20.00	ng		-0.02
64) Phenanthrene-d10	11.32	188	924345	20.00	ng		-0.02
76) Chrysene-d12	13.96	240	630002	20.00	ng		-0.02
87) Perylene-d12	15.39	264	475364	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1409883	119.72	ng		-0.01
7) Phenol-d6	6.44	99	1803257	123.35	ng		-0.01
23) Nitrobenzene-d5	7.36	82	1119158	78.36	ng		-0.02
42) 2,4,6-Tribromophenol	10.62	330	638455	118.25	ng		-0.02
45) 2-Fluorobiphenyl	9.15	172	2186892	86.64	ng		-0.03
79) Terphenyl-d14	12.90	244	2802650	91.38	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	182269	33.961	ng		100
3) Pyridine	3.27	79	494832	33.204	ng		99
4) n-Nitrosodimethylamine	3.19	42	218065	40.189	ng		94
6) Aniline	6.46	93	419788	22.295	ng	#	62
8) 2-Chlorophenol	6.59	128	550036	41.932	ng		98
10) Phenol	6.45	94	657685	40.460	ng		91
11) bis(2-Chloroethyl)ether	6.53	93	520085	41.820	ng		98
12) 1,3-Dichlorobenzene	6.73	146	597238	38.251	ng		99
13) 1,4-Dichlorobenzene	6.81	146	605810	38.898	ng		99
14) 1,2-Dichlorobenzene	6.97	146	563958	37.907	ng		99
15) Benzyl Alcohol	6.94	79	469473	41.546	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	619512	40.678	ng		94
17) 2-Methylphenol	7.06	107	453127	41.550	ng		99
18) Hexachloroethane	7.31	117	210397	37.640	ng		96
19) n-Nitroso-di-n-propylamine	7.21	70	357875	40.010	ng		99
20) 3+4-Methylphenols	7.21	107	552206	40.397	ng	#	84
22) Acetophenone	7.20	105	720490	38.955	ng	#	97
24) Nitrobenzene	7.37	77	562561	39.428	ng		99
25) Isophorone	7.62	82	1030872	40.161	ng		99
26) 2-Nitrophenol	7.69	139	308075	40.521	ng		97
27) 2,4-Dimethylphenol	7.73	122	472198	45.721	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	637876	38.323	ng		100
29) 2,4-Dichlorophenol	7.94	162	496031	40.105	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	537902	37.208	ng		98
31) Naphthalene	8.10	128	1547716	39.751	ng		99
32) Benzoic acid	7.86	122	292893	34.253	ng		97
33) 4-Chloroaniline	8.15	127	381263	21.887	ng		98
34) Hexachlorobutadiene	8.22	225	309387	34.931	ng		99
35) Caprolactam	8.51	113	160583m	40.050	ng		
36) 4-Chloro-3-methylphenol	8.64	107	507845	40.800	ng		96
37) 2-Methylnaphthalene	8.79	142	1087618	40.277	ng		99
38) 1-Methylnaphthalene	8.89	142	1023272	40.282	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	563415	41.370	ng		99
41) Hexachlorocyclopentadiene	8.95	237	199996	37.451	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.07	196	366306	40.222	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	394722	42.419	ng	98
46) 1,1'-Biphenyl	9.25	154	1331283	42.650	ng	98
47) 2-Chloronaphthalene	9.28	162	1061540	40.908	ng	97
48) 2-Nitroaniline	9.37	65	314563	42.029	ng	96
49) Acenaphthylene	9.69	152	1638390	43.728	ng	99
50) Dimethylphthalate	9.55	163	1293518	42.099	ng	99
51) 2,6-Dinitrotoluene	9.62	165	303012	43.101	ng	95
52) Acenaphthene	9.86	154	961196	38.931	ng	99
53) 3-Nitroaniline	9.78	138	228529	29.311	ng	95
54) 2,4-Dinitrophenol	9.90	184	283517	83.888	ng	89
55) Dibenzofuran	10.04	168	1515852	42.484	ng	96
56) 4-Nitrophenol	9.96	139	448713	79.519	ng	99
57) 2,4-Dinitrotoluene	10.02	165	410703	44.144	ng	92
58) Fluorene	10.38	166	1184189	44.115	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	343235	42.236	ng	99
60) Diethylphthalate	10.25	149	1259085	42.143	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	606794	41.682	ng	98
62) 4-Nitroaniline	10.40	138	313117	40.103	ng	98
63) Azobenzene	10.53	77	1134410	44.475	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	226990	43.702	ng	93
66) n-Nitrosodiphenylamine	10.49	169	1086825	40.591	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	418152	38.241	ng	98
68) Hexachlorobenzene	10.93	284	469452	37.430	ng	95
69) Atrazine	11.02	200	213853	23.974	ng	98
70) Pentachlorophenol	11.13	266	665057	100.426	ng	100
71) Phenanthrene	11.34	178	1838587	40.427	ng	99
72) Anthracene	11.39	178	1816574	40.151	ng	99
73) Carbazole	11.55	167	1692779	42.633	ng	99
74) Di-n-butylphthalate	11.87	149	1995890	39.459	ng	99
75) Fluoranthene	12.53	202	2044498	41.174	ng	99
77) Benzidine	12.64	184	270365	14.189	ng	99
78) Pyrene	12.76	202	2069701	47.888	ng	99
80) Butylbenzylphthalate	13.37	149	907520	46.004	ng	99
81) Benzo(a)anthracene	13.94	228	1409862	37.607	ng	99
82) 3,3'-Dichlorobenzidine	13.90	252	434657	28.348	ng	99
83) Chrysene	13.98	228	1369347	36.394	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	886914	35.437	ng	98
85) Di-n-octyl phthalate	14.54	149	1557903	36.335	ng	99
86) Indeno(1,2,3-cd)pyrene	16.84	276	1610606	42.604	ng	99
88) Benzo(b)fluoranthene	14.99	252	1579511	53.548	ng	98
89) Benzo(k)fluoranthene	15.02	252	1369969	53.335	ng	99
90) Benzo(a)pyrene	15.34	252	1413715	56.002	ng	100
91) Dibenzo(a,h)anthracene	16.84	278	1353929	60.416	ng	99
92) Benzo(g,h,i)perylene	17.27	276	1349941	62.637	ng	99

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

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