Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
Data File : BF120711.D
Acq On : 26 Jun 2020 16:19
Operator : JU/CG
Sample : L2811-04MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-061620MSD

Manual Integrations APPROVED
mohammad
6/29/2020 3:18:31 PM

Quant Time: Jun 26 17:09:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	145752	20.00	ng		-0.01
21) Naphthalene-d8	8.07	136	544122	20.00	ng		-0.01
39) Acenaphthene-d10	9.83	164	144024	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	289183	20.00	ng		0.00
76) Chrysene-d12	13.96	240	407004	20.00	ng		0.00
86) Perylene-d12	15.40	264	449206	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	904684	106.42	ng		0.01
7) Phenol-d6	6.44	99	1171663	110.65	ng		0.00
23) Nitrobenzene-d5	7.36	82	954236	98.03	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	258450	154.35	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1006746	106.95	ng		0.00
79) Terphenyl-d14	12.90	244	1205502	65.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	151463	37.591	ng	#	84
3) Pyridine	3.36	79	322933	28.510	ng		100
4) n-Nitrosodimethylamine	3.28	42	183812	39.103	ng		96
6) Aniline	6.46	93	343528	25.351	ng	#	57
8) 2-Chlorophenol	6.58	128	416161	43.319	ng		100
9) Benzaldehyde	6.35	77	86860	12.969	ng		100
10) Phenol	6.45	94	454066	40.193	ng		93
11) bis(2-Chloroethyl)ether	6.53	93	406389	43.187	ng		98
12) 1,3-Dichlorobenzene	6.73	146	487604	47.743	ng		96
13) 1,4-Dichlorobenzene	6.81	146	516928	51.299	ng		99
14) 1,2-Dichlorobenzene	6.97	146	472067	48.092	ng		99
15) Benzyl Alcohol	6.94	79	375146	49.960	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	644355	47.557	ng		96
17) 2-Methylphenol	7.06	107	383868	46.849	ng		98
18) Hexachloroethane	7.30	117	191093	51.465	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	312063	50.808	ng		97
20) 3+4-Methylphenols	7.21	107	433010	42.291	ng		92
22) Acetophenone	7.20	105	619266	50.906	ng	#	96
24) Nitrobenzene	7.38	77	498165	48.903	ng		98
25) Isophorone	7.62	82	898712	47.395	ng		99
26) 2-Nitrophenol	7.69	139	271636	50.404	ng		98
27) 2,4-Dimethylphenol	7.73	122	399774	50.381	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	571652	52.007	ng		99
29) 2,4-Dichlorophenol	7.94	162	407971	50.580	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	441007	49.337	ng		99
31) Naphthalene	8.10	128	1335770	49.995	ng		99
32) Benzoic acid	7.86	122	131276	21.563	ng		97
33) 4-Chloroaniline	8.15	127	278609	22.719	ng		99
34) Hexachlorobutadiene	8.22	225	232096	44.545	ng		99
35) Caprolactam	8.53	113	86027m	33.347	ng		
36) 4-Chloro-3-methylphenol	8.64	107	231201	28.691	ng		97
37) 2-Methylnaphthalene	8.79	142	489203	28.048	ng		99
38) 1-Methylnaphthalene	8.89	142	463464	28.239	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	234524	54.535	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	219097	90.917	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	159482	52.280	ng		98
44) 2,4,5-Trichlorophenol	9.12	196	170365	49.225	ng		95
46) 1,1'-Biphenyl	9.26	154	598269	55.630	ng		98
47) 2-Chloronaphthalene	9.28	162	465196	52.898	ng		98
48) 2-Nitroaniline	9.38	65	137970	49.953	ng		97
49) Acenaphthylene	9.70	152	721541	53.163	ng		98
50) Dimethylphthalate	9.56	163	553633	53.374	ng		99
51) 2,6-Dinitrotoluene	9.62	165	123882	52.699	ng		99
52) Acenaphthene	9.87	154	431693	53.331	ng		100
53) 3-Nitroaniline	9.79	138	83785	29.675	ng		92
54) 2,4-Dinitrophenol	9.90	184	80858	59.451	ng		95
55) Dibenzofuran	10.04	168	651676	52.506	ng		96
56) 4-Nitrophenol	9.97	139	158446	74.511	ng		94
57) 2,4-Dinitrotoluene	10.03	165	161751	51.855	ng	#	88
58) Fluorene	10.38	166	519744	54.321	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	142674	52.399	ng		97
60) Diethylphthalate	10.26	149	554867	54.314	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	255313	51.672	ng		98
62) 4-Nitroaniline	10.41	138	125175	44.657	ng		97
63) Azobenzene	10.53	77	489635	52.800	ng		98
65) 4,6-Dinitro-2-methylphenol	10.44	198	74082	42.693	ng		93
66) n-Nitrosodiphenylamine	10.49	169	469784	52.900	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	167928	51.167	ng		95
68) Hexachlorobenzene	10.93	284	185757	52.642	ng		97
69) Atrazine	11.02	200	138218	50.296	ng		97
70) Pentachlorophenol	11.13	266	184622	94.109	ng		99
71) Phenanthrene	11.34	178	775101	53.919	ng		99
72) Anthracene	11.40	178	799903	55.204	ng		99
73) Carbazole	11.55	167	734606	51.215	ng		100
74) Di-n-butylphthalate	11.88	149	877278	54.403	ng		99
75) Fluoranthene	12.53	202	859929	52.321	ng		97
77) Benzidine	12.65	184	229104	16.644	ng		99
78) Pyrene	12.76	202	873484	30.295	ng		99
80) Butylbenzylphthalate	13.38	149	614458	47.994	ng		97
81) Benzo(a)anthracene	13.95	228	1212946	49.604	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	342764	36.698	ng		100
83) Chrysene	13.99	228	1225152	48.846	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	820490	52.511	ng		99
85) Di-n-octyl phthalate	14.55	149	1656997	55.567	ng		99
87) Indeno(1,2,3-cd)pyrene	16.84	276	1869522	68.420	ng		100
88) Benzo(b)fluoranthene	14.99	252	1518259	56.740	ng		98
89) Benzo(k)fluoranthene	15.02	252	1209311	51.074	ng		99
90) Benzo(a)pyrene	15.34	252	1222102	51.032	ng		99
91) Dibenzo(a,h)anthracene	16.86	278	1482750	67.670	ng		99
92) Benzo(g,h,i)perylene	17.28	276	1572471	71.198	ng		99

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

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