Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
Data File : BF120710.D
Acq On : 26 Jun 2020 15:50
Operator : JU/CG
Sample : L2811-04MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Manual Integrations APPROVED
mohammad
6/29/2020 3:18:28 PM

Quant Time: Jun 26 17:06:54 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	123613	20.00	ng		-0.01
21) Naphthalene-d8	8.07	136	556524	20.00	ng		-0.01
39) Acenaphthene-d10	9.83	164	291653	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	564301	20.00	ng		0.00
76) Chrysene-d12	13.96	240	243954	20.00	ng		0.00
86) Perylene-d12	15.40	264	275659	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	985540	136.69	ng		0.00
7) Phenol-d6	6.44	99	1092925	121.71	ng		0.00
23) Nitrobenzene-d5	7.36	82	960839	96.51	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	453450	133.73	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1751151	91.86	ng		0.00
79) Terphenyl-d14	12.90	244	1243011	112.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	170135	49.787	ng	#	84
3) Pyridine	3.36	79	384803	40.057	ng		97
4) n-Nitrosodimethylamine	3.28	42	191865	48.127	ng		96
6) Aniline	6.46	93	313256	27.257	ng	#	57
8) 2-Chlorophenol	6.58	128	416080	51.068	ng		100
9) Benzaldehyde	6.35	77	102375	18.024	ng		98
10) Phenol	6.45	94	411691	42.969	ng		93
11) bis(2-Chloroethyl)ether	6.53	93	386787	48.466	ng		98
12) 1,3-Dichlorobenzene	6.73	146	418563	48.323	ng		97
13) 1,4-Dichlorobenzene	6.81	146	440359	51.528	ng		98
14) 1,2-Dichlorobenzene	6.97	146	395599	47.520	ng		99
15) Benzyl Alcohol	6.94	79	305923	48.038	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	651604	56.706	ng		96
17) 2-Methylphenol	7.06	107	380934	54.818	ng		98
18) Hexachloroethane	7.30	117	191072	60.676	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	310976	59.700	ng		96
20) 3+4-Methylphenols	7.21	107	432055	49.755	ng		92
22) Acetophenone	7.20	105	620864	49.900	ng	#	97
24) Nitrobenzene	7.38	77	498849	47.879	ng		99
25) Isophorone	7.62	82	913733	47.113	ng		98
26) 2-Nitrophenol	7.69	139	275374	49.959	ng		99
27) 2,4-Dimethylphenol	7.73	122	404668	49.862	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	584059	51.952	ng		100
29) 2,4-Dichlorophenol	7.94	162	414030	50.187	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	455072	49.776	ng		99
31) Naphthalene	8.10	128	1374060	50.282	ng		99
32) Benzoic acid	7.86	122	139115	22.341	ng		97
33) 4-Chloroaniline	8.15	127	295855	23.587	ng		99
34) Hexachlorobutadiene	8.22	225	263396	49.425	ng		99
35) Caprolactam	8.53	113	104627m	39.654	ng		
36) 4-Chloro-3-methylphenol	8.64	107	427253	51.838	ng		98
37) 2-Methylnaphthalene	8.79	142	941953	52.802	ng		100
38) 1-Methylnaphthalene	8.89	142	887217	52.853	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	431147	49.509	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	411886	84.403	ng	100
43) 2,4,6-Trichlorophenol	9.07	196	307323	49.749	ng	98
44) 2,4,5-Trichlorophenol	9.12	196	331552	47.307	ng	97
46) 1,1'-Biphenyl	9.26	154	1120533	51.453	ng	100
47) 2-Chloronaphthalene	9.28	162	888877	49.913	ng	99
48) 2-Nitroaniline	9.38	65	273772	48.948	ng	94
49) Acenaphthylene	9.70	152	1372429	49.935	ng	99
50) Dimethylphthalate	9.56	163	1066240	50.761	ng	99
51) 2,6-Dinitrotoluene	9.62	165	239992	50.415	ng	99
52) Acenaphthene	9.87	154	810063	49.419	ng	99
53) 3-Nitroaniline	9.79	138	167553	29.305	ng	98
54) 2,4-Dinitrophenol	9.90	184	185231	66.852	ng	95
55) Dibenzofuran	10.04	168	1222414	48.636	ng	97
56) 4-Nitrophenol	9.97	139	327032	75.944	ng	90
57) 2,4-Dinitrotoluene	10.03	165	309629	49.018	ng	91
58) Fluorene	10.38	166	935457	48.281	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	276999	50.237	ng	99
60) Diethylphthalate	10.26	149	1039673	50.256	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	462691	46.243	ng	94
62) 4-Nitroaniline	10.41	138	251729	44.348	ng	95
63) Azobenzene	10.53	77	945541	50.352	ng	100
65) 4,6-Dinitro-2-methylphenol	10.44	198	158323	46.758	ng	91
66) n-Nitrosodiphenylamine	10.49	169	887544	51.217	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	308546	48.178	ng	98
68) Hexachlorobenzene	10.93	284	347398	50.452	ng	93
69) Atrazine	11.02	200	260197	48.521	ng	99
70) Pentachlorophenol	11.13	266	353520	92.347	ng	98
71) Phenanthrene	11.35	178	1389407	49.531	ng	100
72) Anthracene	11.40	178	1432895	50.677	ng	99
73) Carbazole	11.55	167	1333561	47.645	ng	99
74) Di-n-butylphthalate	11.88	149	897121	28.510	ng	100
75) Fluoranthene	12.53	202	886558	27.643	ng	97
77) Benzidine	12.65	184	228394	27.683	ng	99
78) Pyrene	12.76	202	906670	52.463	ng	99
80) Butylbenzylphthalate	13.38	149	385392	50.221	ng	95
81) Benzo(a)anthracene	13.95	228	785080	53.565	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	188854	33.734	ng	99
83) Chrysene	13.99	228	783753	52.132	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	541820	57.853	ng	98
85) Di-n-octyl phthalate	14.55	149	949036	53.097	ng	98
87) Indeno(1,2,3-cd)pyrene	16.84	276	960939	57.309	ng	98
88) Benzo(b)fluoranthene	14.99	252	869531	52.954	ng	98
89) Benzo(k)fluoranthene	15.02	252	759691	52.285	ng	99
90) Benzo(a)pyrene	15.34	252	757314	51.533	ng	99
91) Dibenzo(a,h)anthracene	16.86	278	786840	58.518	ng	99
92) Benzo(g,h,i)perylene	17.28	276	798924	58.947	ng	96

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

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