Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
Data File : BF120382.D
Acq On : 21 May 2020 15:46
Operator : MA/SJ
Sample : L2722-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-3MS

Manual Integrations APPROVED
mohammad
5/22/2020 2:55:45 PM

Quant Time: May 21 16:42:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 21 14:56:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	229629	20.00	ng		0.00
21) Naphthalene-d8	7.87	136	899098	20.00	ng		0.00
39) Acenaphthene-d10	9.63	164	449410	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	815463	20.00	ng		0.00
76) Chrysene-d12	13.76	240	571726	20.00	ng		0.00
87) Perylene-d12	15.13	264	520503	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1423359	120.60	ng		0.02
7) Phenol-d6	6.26	99	1873085	125.50	ng		0.00
23) Nitrobenzene-d5	7.16	82	1249261	95.13	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	421549	115.04	ng		0.00
45) 2-Fluorobiphenyl	8.96	172	2280460	104.25	ng		0.00
79) Terphenyl-d14	12.70	244	2320385	89.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	306459	65.278	ng		98
3) Pyridine	2.93	79	683183	46.294	ng		95
4) n-Nitrosodimethylamine	2.90	42	360705	62.422	ng		93
6) Aniline	6.26	93	547567	28.688	ng	#	74
8) 2-Chlorophenol	6.38	128	724133	52.624	ng		98
9) Benzaldehyde	6.14	77	430404	46.781	ng		96
10) Phenol	6.27	94	901143	51.724	ng	#	75
11) bis(2-Chloroethyl)ether	6.33	93	657269	47.229	ng		97
12) 1,3-Dichlorobenzene	6.53	146	698883	47.464	ng		98
13) 1,4-Dichlorobenzene	6.60	146	734804	48.453	ng		98
14) 1,2-Dichlorobenzene	6.76	146	649267	47.542	ng		99
15) Benzyl Alcohol	6.75	79	551464	52.011	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.87	45	1103772	50.328	ng		68
17) 2-Methylphenol	6.87	107	562491	48.422	ng		94
18) Hexachloroethane	7.10	117	271479	46.990	ng		97
19) n-Nitroso-di-n-propylamine	7.02	70	477605	48.847	ng		92
20) 3+4-Methylphenols	7.03	107	725890	48.062	ng		96
22) Acetophenone	7.01	105	964740	52.377	ng		96
24) Nitrobenzene	7.18	77	730937	51.719	ng		97
25) Isophorone	7.43	82	1328444	48.619	ng		100
26) 2-Nitrophenol	7.50	139	389581	52.707	ng		93
27) 2,4-Dimethylphenol	7.55	122	598792	55.691	ng		94
28) bis(2-Chloroethoxy)methane	7.64	93	867565	50.516	ng		98
29) 2,4-Dichlorophenol	7.75	162	567967	51.433	ng		96
30) 1,2,4-Trichlorobenzene	7.82	180	616427	50.373	ng		99
31) Naphthalene	7.90	128	2001576	52.748	ng		100
32) Benzoic acid	7.72	122	309279	43.883	ng		98
33) 4-Chloroaniline	7.96	127	327505	18.939	ng		97
34) Hexachlorobutadiene	8.02	225	340392	48.125	ng		96
35) Caprolactam	8.35	113	176170m	48.764	ng		
36) 4-Chloro-3-methylphenol	8.46	107	607490	50.853	ng		100
37) 2-Methylnaphthalene	8.59	142	1316488	50.698	ng		99
38) 1-Methylnaphthalene	8.69	142	1271464	50.484	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	590181	52.081	ng		99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.74	237	443903	93.723	ng	98
43) 2,4,6-Trichlorophenol	8.88	196	374728	49.264	ng	99
44) 2,4,5-Trichlorophenol	8.93	196	395118	45.231	ng	99
46) 1,1'-Biphenyl	9.06	154	1598564	54.288	ng	99
47) 2-Chloronaphthalene	9.08	162	1197623	50.704	ng	97
48) 2-Nitroaniline	9.19	65	440101	51.067	ng	96
49) Acenaphthylene	9.49	152	1916134	53.107	ng	99
50) Dimethylphthalate	9.37	163	1677119	59.034	ng	99
51) 2,6-Dinitrotoluene	9.43	165	305694	48.212	ng	90
52) Acenaphthene	9.66	154	1118806	51.732	ng	99
53) 3-Nitroaniline	9.60	138	172826	22.857	ng	99
54) 2,4-Dinitrophenol	9.72	184	283375	94.679	ng	97
55) Dibenzofuran	9.84	168	1642058	52.725	ng	99
56) 4-Nitrophenol	9.80	139	353591	87.030	ng	94
57) 2,4-Dinitrotoluene	9.84	165	373453	50.210	ng	98
58) Fluorene	10.18	166	1265973	53.375	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.96	232	324787	49.404	ng	99
60) Diethylphthalate	10.06	149	1378665	50.267	ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	606932	49.217	ng	95
62) 4-Nitroaniline	10.22	138	324082	46.028	ng	100
63) Azobenzene	10.33	77	1323805	51.069	ng	96
65) 4,6-Dinitro-2-methylphenol	10.25	198	219197	53.151	ng	98
66) n-Nitrosodiphenylamine	10.30	169	1160921	51.458	ng	99
67) 4-Bromophenyl-phenylether	10.66	248	365932	46.244	ng	95
68) Hexachlorobenzene	10.73	284	397242	47.986	ng	96
69) Atrazine	10.83	200	302383	44.793	ng	99
70) Pentachlorophenol	10.93	266	295500	83.928	ng	99
71) Phenanthrene	11.14	178	1773747	51.764	ng	99
72) Anthracene	11.19	178	1934136	52.726	ng	99
73) Carbazole	11.35	167	1757667	51.282	ng	99
74) Di-n-butylphthalate	11.69	149	2081175	50.382	ng	98
75) Fluoranthene	12.32	202	1989011	54.156	ng	99
77) Benzidine	12.46	184	897661	53.767	ng	96
78) Pyrene	12.55	202	2017909	49.509	ng	99
80) Butylbenzylphthalate	13.17	149	874885	45.585	ng	97
81) Benzo(a)anthracene	13.74	228	1526294	50.615	ng	98
82) 3,3'-Dichlorobenzidine	13.71	252	360649	31.737	ng	98
83) Chrysene	13.78	228	1554647	48.012	ng	100
84) Bis(2-ethylhexyl)phthalate	13.74	149	1052972	44.097	ng	98
85) Di-n-octyl phthalate	14.35	149	1934743	45.039	ng	99
86) Indeno(1,2,3-cd)pyrene	16.45	276	1364222	46.420	ng	97
88) Benzo(b)fluoranthene	14.76	252	1492223	52.495	ng	97
89) Benzo(k)fluoranthene	14.78	252	1277412	51.869	ng	100
90) Benzo(a)pyrene	15.08	252	1244083	48.801	ng	99
91) Dibenzo(a,h)anthracene	16.46	278	1128212	49.956	ng	99
92) Benzo(g,h,i)perylene	16.84	276	1132053	49.708	ng	98

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

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