Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
Data File : BF120959.D
Acq On : 21 Jul 2020 17:48
Operator : JU/CG
Sample : L3351-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

Manual Integrations APPROVED
Sohil
7/24/2020 12:09:45 PM

Quant Time: Jul 21 18:21:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	188325	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	745822	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	400258	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	756634	20.00	ng		0.00
76) Chrysene-d12	13.98	240	555422	20.00	ng		0.00
86) Perylene-d12	15.42	264	518276	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1083214	94.29	ng		0.02
7) Phenol-d6	6.45	99	1357325	91.47	ng		0.00
23) Nitrobenzene-d5	7.38	82	857789	66.55	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	407071	92.91	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1594378	59.47	ng		0.00
79) Terphenyl-d14	12.92	244	1626042	63.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	222740	42.130	ng		99
3) Pyridine	3.36	79	521145	37.054	ng		100
4) n-Nitrosodimethylamine	3.32	42	261707	43.516	ng		95
6) Aniline	6.47	93	461690	23.835	ng		97
8) 2-Chlorophenol	6.60	128	568883	44.952	ng		98
9) Benzaldehyde	6.36	77	430403	76.384	ng		98
10) Phenol	6.46	94	678095	41.541	ng		95
11) bis(2-Chloroethyl)ether	6.55	93	537885	42.996	ng		100
12) 1,3-Dichlorobenzene	6.76	146	567650	41.366	ng		98
13) 1,4-Dichlorobenzene	6.83	146	571726	41.899	ng		98
14) 1,2-Dichlorobenzene	6.99	146	554886	42.984	ng		99
15) Benzyl Alcohol	6.96	79	455787	43.433	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	744627	41.296	ng		100
17) 2-Methylphenol	7.07	107	449442	40.069	ng		98
18) Hexachloroethane	7.33	117	212383	43.003	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	345350	40.927	ng		98
20) 3+4-Methylphenols	7.23	107	495445	34.722	ng	#	88
22) Acetophenone	7.23	105	690170	41.233	ng	#	94
24) Nitrobenzene	7.40	77	562592	40.497	ng		99
25) Isophorone	7.64	82	1061172	41.252	ng		99
26) 2-Nitrophenol	7.72	139	305851	46.356	ng		100
27) 2,4-Dimethylphenol	7.76	122	498072	46.495	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	669040	42.607	ng		99
29) 2,4-Dichlorophenol	7.96	162	470777	43.007	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	505649	41.635	ng		99
31) Naphthalene	8.12	128	1551567	40.556	ng		99
32) Benzoic acid	7.89	122	362653	45.098	ng		100
33) 4-Chloroaniline	8.17	127	244844	14.347	ng		99
34) Hexachlorobutadiene	8.24	225	289425	40.426	ng		99
35) Caprolactam	8.55	113	151219m	43.078	ng		
36) 4-Chloro-3-methylphenol	8.66	107	487072	43.385	ng		98
37) 2-Methylnaphthalene	8.82	142	1066446	42.932	ng		99
38) 1-Methylnaphthalene	8.91	142	1004081	42.679	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	455443	39.054	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	511437	79.351	ng		97
43) 2,4,6-Trichlorophenol	9.09	196	347548	42.327	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	370299m	39.757	ng		
46) 1,1'-Biphenyl	9.27	154	1256951	41.169	ng		99
47) 2-Chloronaphthalene	9.30	162	980762	39.400	ng		97
48) 2-Nitroaniline	9.40	65	310104	41.222	ng		97
49) Acenaphthylene	9.72	152	1590299	41.124	ng		100
50) Dimethylphthalate	9.58	163	1397918	48.411	ng		98
51) 2,6-Dinitrotoluene	9.64	165	269945	43.513	ng		97
52) Acenaphthene	9.89	154	1071304m	43.574	ng		
53) 3-Nitroaniline	9.80	138	133133	17.111	ng		96
54) 2,4-Dinitrophenol	9.92	184	253617	71.790	ng	#	86
55) Dibenzofuran	10.06	168	1396764	39.286	ng		98
56) 4-Nitrophenol	9.97	139	486992	82.396	ng		99
57) 2,4-Dinitrotoluene	10.04	165	356429	43.751	ng		97
58) Fluorene	10.40	166	980039	36.959	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	318181	44.868	ng		96
60) Diethylphthalate	10.28	149	1189384	40.722	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	480598	33.980	ng		99
62) 4-Nitroaniline	10.43	138	280984	37.073	ng		96
63) Azobenzene	10.56	77	1107836	39.842	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	177657	41.164	ng		97
66) n-Nitrosodiphenylamine	10.52	169	983198	41.307	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	343072	40.668	ng		91
68) Hexachlorobenzene	10.95	284	380081	41.651	ng	#	92
69) Atrazine	11.04	200	288323	48.912	ng		98
70) Pentachlorophenol	11.14	266	428139	81.896	ng		99
71) Phenanthrene	11.36	178	1601770	41.162	ng		100
72) Anthracene	11.42	178	1615677	41.348	ng		99
73) Carbazole	11.57	167	1500077	38.683	ng		99
74) Di-n-butylphthalate	11.90	149	1847130	41.276	ng		100
75) Fluoranthene	12.55	202	1783860	41.357	ng		99
77) Benzidine	12.67	184	902468	61.800	ng		99
78) Pyrene	12.78	202	1815029	46.221	ng		99
80) Butylbenzylphthalate	13.40	149	832193	47.539	ng		99
81) Benzo(a)anthracene	13.97	228	1353115	40.231	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	365726	28.822	ng		99
83) Chrysene	14.00	228	1435461	40.612	ng		100
84) Bis(2-ethylhexyl)phthalate	13.96	149	947119	43.876	ng		100
85) Di-n-octyl phthalate	14.57	149	1895790	44.144	ng		99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1370219	38.015	ng		100
88) Benzo(b)fluoranthene	15.00	252	1497310	47.795	ng		99
89) Benzo(k)fluoranthene	15.03	252	1187502	41.563	ng		99
90) Benzo(a)pyrene	15.36	252	1211479	42.385	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	1145234	38.897	ng		98
92) Benzo(g,h,i)perylene	17.29	276	1140346	39.281	ng		99

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

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