Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
Data File : BF120383.D
Acq On : 21 May 2020 16:14
Operator : MA/SJ
Sample : L2722-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3MSD

Manual Integrations APPROVED
mohammad
5/22/2020 2:55:52 PM

Quant Time: May 21 16:47:42 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	240454	20.00	ng		0.00
21) Naphthalene-d8	7.87	136	817733	20.00	ng		0.00
39) Acenaphthene-d10	9.63	164	405391	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	759199	20.00	ng		0.00
76) Chrysene-d12	13.75	240	551270	20.00	ng		0.00
87) Perylene-d12	15.13	264	503018	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1273438	103.04	ng		0.02
7) Phenol-d6	6.25	99	1835305	117.44	ng		0.00
23) Nitrobenzene-d5	7.16	82	1120604	93.83	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	356307	107.80	ng		0.00
45) 2-Fluorobiphenyl	8.96	172	1951492	98.90	ng		0.00
79) Terphenyl-d14	12.70	244	2018305	80.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	262017	53.299	ng		98
3) Pyridine	2.92	79	581700	37.642	ng		93
4) n-Nitrosodimethylamine	2.88	42	306226	50.608	ng		93
6) Aniline	6.26	93	573509	28.695	ng	#	69
8) 2-Chlorophenol	6.38	128	726181	50.397	ng		96
9) Benzaldehyde	6.14	77	442999	45.982	ng		95
10) Phenol	6.26	94	932417	51.110	ng		79
11) bis(2-Chloroethyl)ether	6.33	93	664431	45.594	ng		98
12) 1,3-Dichlorobenzene	6.53	146	733089	47.546	ng		99
13) 1,4-Dichlorobenzene	6.60	146	765375	48.196	ng		99
14) 1,2-Dichlorobenzene	6.76	146	684549	47.869	ng		99
15) Benzyl Alcohol	6.75	79	562869	50.697	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.87	45	1078534	46.963	ng		74
17) 2-Methylphenol	6.87	107	582727	47.906	ng		95
18) Hexachloroethane	7.10	117	246212	40.698	ng		98
19) n-Nitroso-di-n-propylamine	7.02	70	429857	41.985	ng		93
20) 3+4-Methylphenols	7.03	107	649780	41.086	ng		97
22) Acetophenone	7.01	105	857637	51.195	ng		97
24) Nitrobenzene	7.18	77	691740	53.816	ng		98
25) Isophorone	7.42	82	1219981	49.092	ng		99
26) 2-Nitrophenol	7.50	139	355733	52.917	ng		94
27) 2,4-Dimethylphenol	7.55	122	556898	56.948	ng		97
28) bis(2-Chloroethoxy)methane	7.63	93	772341	49.446	ng		98
29) 2,4-Dichlorophenol	7.75	162	507316	50.512	ng		97
30) 1,2,4-Trichlorobenzene	7.82	180	551819	49.580	ng		98
31) Naphthalene	7.90	128	1771286	51.324	ng		99
32) Benzoic acid	7.72	122	287520	44.855	ng		97
33) 4-Chloroaniline	7.96	127	316911	20.149	ng		98
34) Hexachlorobutadiene	8.02	225	296273	46.055	ng		97
35) Caprolactam	8.34	113	159443m	48.525	ng		
36) 4-Chloro-3-methylphenol	8.46	107	550276	50.647	ng		98
37) 2-Methylnaphthalene	8.59	142	1177901	49.874	ng		98
38) 1-Methylnaphthalene	8.69	142	1133914	49.502	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	523899	51.252	ng		99

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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)
41) Hexachlorocyclopentadiene	8.74	237	370910	87.303 ng	100
43) 2,4,6-Trichlorophenol	8.88	196	329942	48.086 ng	99
44) 2,4,5-Trichlorophenol	8.93	196	356248	45.210 ng	99
46) 1,1'-Biphenyl	9.06	154	1419842	53.454 ng	98
47) 2-Chloronaphthalene	9.08	162	1062834	49.883 ng	97
48) 2-Nitroaniline	9.19	65	389206	50.066 ng	98
49) Acenaphthylene	9.49	152	1703177	52.331 ng	99
50) Dimethylphthalate	9.37	163	1467020	57.246 ng	99
51) 2,6-Dinitrotoluene	9.43	165	277240	48.472 ng	98
52) Acenaphthene	9.66	154	992322	50.866 ng	100
53) 3-Nitroaniline	9.60	138	155933	22.862 ng	98
54) 2,4-Dinitrophenol	9.72	184	248081	91.888 ng	96
55) Dibenzofuran	9.84	168	1439372	51.235 ng	99
56) 4-Nitrophenol	9.79	139	305087	83.245 ng	85
57) 2,4-Dinitrotoluene	9.84	165	330558	49.268 ng	97
58) Fluorene	10.18	166	1127219	52.685 ng	99
59) 2,3,4,6-Tetrachlorophenol	9.96	232	299390	50.486 ng	99
60) Diethylphthalate	10.06	149	1193975	48.260 ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	534183	48.021 ng	94
62) 4-Nitroaniline	10.22	138	292840	46.107 ng	97
63) Azobenzene	10.33	77	1197293	51.204 ng	95
65) 4,6-Dinitro-2-methylphenol	10.25	198	194775	50.729 ng	88
66) n-Nitrosodiphenylamine	10.30	169	1040574	49.542 ng	99
67) 4-Bromophenyl-phenylether	10.66	248	333712	45.298 ng	97
68) Hexachlorobenzene	10.72	284	360575	46.784 ng	97
69) Atrazine	10.83	200	281849	44.845 ng	99
70) Pentachlorophenol	10.93	266	286577	87.425 ng	99
71) Phenanthrene	11.14	178	1635020	51.252 ng	99
72) Anthracene	11.19	178	1785422	52.279 ng	99
73) Carbazole	11.35	167	1631320	51.123 ng	99
74) Di-n-butylphthalate	11.68	149	1875082	48.757 ng	99
75) Fluoranthene	12.32	202	1814316	53.061 ng	99
77) Benzidine	12.45	184	811283	50.396 ng	96
78) Pyrene	12.55	202	1840610	46.835 ng	99
80) Butylbenzylphthalate	13.17	149	771940	41.713 ng	99
81) Benzo(a)anthracene	13.74	228	1436693	49.412 ng	99
82) 3,3'-Dichlorobenzidine	13.70	252	361463	32.989 ng	98
83) Chrysene	13.77	228	1546223	49.524 ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1001416	43.494 ng	100
85) Di-n-octyl phthalate	14.35	149	1858588	44.872 ng	99
86) Indeno(1,2,3-cd)pyrene	16.44	276	1136740	40.115 ng	99
88) Benzo(b)fluoranthene	14.75	252	1262963	45.974 ng	99
89) Benzo(k)fluoranthene	14.78	252	1326033	55.715 ng	98
90) Benzo(a)pyrene	15.08	252	1193146	48.430 ng	99
91) Dibenzo(a,h)anthracene	16.45	278	935017	42.840 ng	99
92) Benzo(g,h,i)perylene	16.83	276	950745	43.198 ng	97

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

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