Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120268.D
Acq On : 1 May 2020 19:50
Operator : MA/SJ
Sample : L2454-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-04302020MSD

Manual Integrations APPROVED
mohammad
5/4/2020 3:45:22 PM

Quant Time: May 12 08:22:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 08:15:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	136469	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	432072	20.00	ng		0.00
39) Acenaphthene-d10	9.69	164	195980	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	329421	20.00	ng		0.00
76) Chrysene-d12	13.82	240	224957	20.00	ng		0.00
87) Perylene-d12	15.22	264	256041	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1002784	126.99	ng		0.00
7) Phenol-d6	6.32	99	1230419	120.92	ng		0.00
23) Nitrobenzene-d5	7.23	82	767921	91.95	ng		0.00
42) 2,4,6-Tribromophenol	10.49	330	242354	101.00	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	1245727	90.25	ng		0.00
79) Terphenyl-d14	12.77	244	1082330	80.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	110142	31.315	ng		97
3) Pyridine	2.94	79	316035	32.750	ng		92
4) n-Nitrosodimethylamine	2.90	42	210752	42.745	ng		96
6) Aniline	6.32	93	602201	45.091	ng	#	80
8) 2-Chlorophenol	6.45	128	468417	53.089	ng		97
9) Benzaldehyde	6.20	77	334549	59.533	ng		98
10) Phenol	6.33	94	605705	52.470	ng		97
11) bis(2-Chloroethyl)ether	6.39	93	447461	50.202	ng		98
12) 1,3-Dichlorobenzene	6.59	146	470811	48.740	ng		97
13) 1,4-Dichlorobenzene	6.67	146	482761	49.062	ng		98
14) 1,2-Dichlorobenzene	6.82	146	451851	49.828	ng		99
15) Benzyl Alcohol	6.81	79	384242	48.619	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	714330	41.185	ng		66
17) 2-Methylphenol	6.93	107	363859	46.211	ng	#	91
18) Hexachloroethane	7.16	117	172326	46.861	ng		97
19) n-Nitroso-di-n-propylamine	7.08	70	317099	48.462	ng		97
20) 3+4-Methylphenols	7.09	107	471900	49.003	ng	#	81
22) Acetophenone	7.07	105	637202	62.979	ng	#	97
24) Nitrobenzene	7.25	77	465154	55.364	ng		96
25) Isophorone	7.49	82	861389	53.503	ng		100
26) 2-Nitrophenol	7.56	139	243847	58.094	ng		97
27) 2,4-Dimethylphenol	7.61	122	388552	61.377	ng		96
28) bis(2-Chloroethoxy)methane	7.70	93	528142	55.747	ng		99
29) 2,4-Dichlorophenol	7.81	162	322076	49.634	ng		98
30) 1,2,4-Trichlorobenzene	7.88	180	351619	47.823	ng		99
31) Naphthalene	7.96	128	1098461	48.321	ng		98
32) Benzoic acid	7.76	122	245132	44.090	ng		99
33) 4-Chloroaniline	8.02	127	213503	21.574	ng		99
34) Hexachlorobutadiene	8.08	225	201282	45.732	ng		98
35) Caprolactam	8.40	113	94159m	47.436	ng		
36) 4-Chloro-3-methylphenol	8.52	107	377538	53.739	ng		99
37) 2-Methylnaphthalene	8.65	142	720046	46.720	ng		98
38) 1-Methylnaphthalene	8.75	142	696471	47.945	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	321383	51.921	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	189472	53.830	ng		98
43) 2,4,6-Trichlorophenol	8.94	196	211671	49.521	ng		100
44) 2,4,5-Trichlorophenol	8.99	196	223283	46.380	ng		98
46) 1,1'-Biphenyl	9.12	154	876445	52.984	ng		97
47) 2-Chloronaphthalene	9.14	162	654249	51.342	ng		99
48) 2-Nitroaniline	9.25	65	218110	47.232	ng		96
49) Acenaphthylene	9.56	152	1012504	52.246	ng		98
50) Dimethylphthalate	9.43	163	1009064	66.566	ng		100
51) 2,6-Dinitrotoluene	9.49	165	164208	49.467	ng		98
52) Acenaphthene	9.73	154	587484	45.445	ng		99
53) 3-Nitroaniline	9.66	138	106480	28.086	ng		98
54) 2,4-Dinitrophenol	9.77	184	95826	48.217	ng		94
55) Dibenzofuran	9.90	168	891781	50.270	ng		100
56) 4-Nitrophenol	9.85	139	227248	80.560	ng		99
57) 2,4-Dinitrotoluene	9.90	165	207001	47.331	ng	#	90
58) Fluorene	10.25	166	671238	47.313	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.03	232	167656	45.534	ng		98
60) Diethylphthalate	10.13	149	776312	49.412	ng		99
61) 4-Chlorophenyl-phenylether	10.24	204	345766	47.551	ng		94
62) 4-Nitroaniline	10.27	138	147415	40.801	ng		98
63) Azobenzene	10.40	77	697060	49.507	ng		98
65) 4,6-Dinitro-2-methylphenol	10.30	198	75237	34.667	ng		78
66) n-Nitrosodiphenylamine	10.36	169	626125	57.151	ng		99
67) 4-Bromophenyl-phenylether	10.73	248	198712	48.505	ng		95
68) Hexachlorobenzene	10.79	284	202287	48.674	ng		93
69) Atrazine	10.89	200	166201	54.525	ng		99
70) Pentachlorophenol	10.99	266	162852	67.998	ng		98
71) Phenanthrene	11.20	178	892211	50.890	ng		98
72) Anthracene	11.26	178	1013980	56.615	ng		97
73) Carbazole	11.42	167	964151	56.925	ng		98
74) Di-n-butylphthalate	11.75	149	1169983	52.547	ng		99
75) Fluoranthene	12.39	202	897959	47.469	ng		97
77) Benzidine	12.52	184	636838	83.748	ng		98
78) Pyrene	12.62	202	906436	47.797	ng		97
80) Butylbenzylphthalate	13.24	149	431194	46.858	ng		99
81) Benzo(a)anthracene	13.81	228	780105	52.713	ng		100
82) 3,3'-Dichlorobenzidine	13.77	252	277316	50.221	ng		99
83) Chrysene	13.85	228	832491	55.362	ng		97
84) Bis(2-ethylhexyl)phthalate	13.81	149	588020	47.187	ng		98
85) Di-n-octyl phthalate	14.42	149	1017890	47.973	ng		98
86) Indeno(1,2,3-cd)pyrene	16.59	276	919215	69.348	ng		99
88) Benzo(b)fluoranthene	14.83	252	851490	46.229	ng		99
89) Benzo(k)fluoranthene	14.86	252	734104	46.193	ng		99
90) Benzo(a)pyrene	15.17	252	751645	48.535	ng		98
91) Dibenzo(a,h)anthracene	16.60	278	765054	55.770	ng		99
92) Benzo(g,h,i)perylene	16.99	276	739322	54.599	ng		97

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

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