Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120062.D
Acq On : 17 Apr 2020 16:36
Operator : MA/SJ
Sample : L2271-06MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BG-4MSD

Manual Integrations APPROVED
mohammad
4/21/2020 8:22:36 AM

Quant Time: Apr 18 03:11:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 10:51:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	154170	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	613978	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	281369	20.00	ng		0.00
64) Phenanthrene-d10	11.26	188	451878	20.00	ng		0.00
76) Chrysene-d12	13.90	240	276532	20.00	ng		0.00
87) Perylene-d12	15.33	264	243282	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1124682	126.07	ng		0.02
7) Phenol-d6	6.38	99	1423247	123.81	ng		0.01
23) Nitrobenzene-d5	7.30	82	930970	78.44	ng		0.00
42) 2,4,6-Tribromophenol	10.57	330	311234	90.35	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1693188	85.44	ng		0.00
79) Terphenyl-d14	12.85	244	1304667	79.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	198306	49.909	ng		98
3) Pyridine	3.17	79	551417	50.581	ng		98
4) n-Nitrosodimethylamine	3.13	42	324020	58.173	ng		100
6) Aniline	6.39	93	427505m	28.335	ng		
8) 2-Chlorophenol	6.52	128	606019	60.799	ng		96
9) Benzaldehyde	6.27	77	262418	44.783	ng		99
10) Phenol	6.39	94	735025	56.362	ng		95
11) bis(2-Chloroethyl)ether	6.47	93	754261	74.908	ng		98
12) 1,3-Dichlorobenzene	6.67	146	603999	55.349	ng		98
13) 1,4-Dichlorobenzene	6.75	146	604053	54.340	ng		100
14) 1,2-Dichlorobenzene	6.90	146	570695	55.707	ng		96
15) Benzyl Alcohol	6.88	79	492873	55.204	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	988788	50.464	ng		88
17) 2-Methylphenol	7.00	107	470702	52.916	ng		94
18) Hexachloroethane	7.24	117	216303	52.067	ng		98
19) n-Nitroso-di-n-propylamine	7.16	70	408349	55.243	ng		98
20) 3+4-Methylphenols	7.15	107	582704	53.562	ng		94
22) Acetophenone	7.15	105	786746	54.721	ng	#	97
24) Nitrobenzene	7.32	77	623335	52.211	ng		96
25) Isophorone	7.56	82	1181030	51.623	ng		98
26) 2-Nitrophenol	7.63	139	332818	55.798	ng		95
27) 2,4-Dimethylphenol	7.68	122	512536	56.975	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	763970	56.748	ng		98
29) 2,4-Dichlorophenol	7.88	162	488821	53.012	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	547678	52.419	ng		100
31) Naphthalene	8.04	128	1675864	51.879	ng		100
32) Benzoic acid	7.84	122	416230	52.684	ng		95
33) 4-Chloroaniline	8.09	127	291955	20.761	ng		99
34) Hexachlorobutadiene	8.16	225	314897	50.349	ng		99
35) Caprolactam	8.48	113	143758m	50.967	ng		
36) 4-Chloro-3-methylphenol	8.59	107	505747	50.660	ng		97
37) 2-Methylnaphthalene	8.73	142	1099805	50.218	ng		99
38) 1-Methylnaphthalene	8.83	142	1033266	50.056	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	491949	55.357	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	206753	40.914	ng		97
43) 2,4,6-Trichlorophenol	9.02	196	334524	54.512	ng		99
44) 2,4,5-Trichlorophenol	9.06	196	344339	49.819	ng		99
46) 1,1'-Biphenyl	9.20	154	1198939	50.484	ng		99
47) 2-Chloronaphthalene	9.22	162	971654	53.110	ng		97
48) 2-Nitroaniline	9.32	65	326294	49.216	ng		97
49) Acenaphthylene	9.64	152	1510243	54.280	ng		99
50) Dimethylphthalate	9.51	163	1486054	68.282	ng		99
51) 2,6-Dinitrotoluene	9.57	165	255626	53.637	ng	#	85
52) Acenaphthene	9.81	154	973736m	52.464	ng		
53) 3-Nitroaniline	9.73	138	153725	28.242	ng		96
54) 2,4-Dinitrophenol	9.84	184	124864	43.761	ng	#	90
55) Dibenzofuran	9.98	168	1317986	51.749	ng		100
56) 4-Nitrophenol	9.91	139	356154	87.941	ng		94
57) 2,4-Dinitrotoluene	9.97	165	303515	48.338	ng		95
58) Fluorene	10.32	166	992315	48.718	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	267258	50.557	ng		97
60) Diethylphthalate	10.20	149	1194055	52.936	ng		100
61) 4-Chlorophenyl-phenylether	10.32	204	501440	48.032	ng		98
62) 4-Nitroaniline	10.35	138	214674	41.385	ng		99
63) Azobenzene	10.47	77	1027803	50.844	ng		99
65) 4,6-Dinitro-2-methylphenol	10.38	198	85080	28.579	ng		95
66) n-Nitrosodiphenylamine	10.44	169	887192	59.035	ng		99
67) 4-Bromophenyl-phenylether	10.80	248	275658	49.053	ng		95
68) Hexachlorobenzene	10.87	284	266422	46.734	ng		96
69) Atrazine	10.97	200	250326	59.868	ng		97
70) Pentachlorophenol	11.07	266	309728	94.278	ng		98
71) Phenanthrene	11.29	178	1290874	53.676	ng		99
72) Anthracene	11.34	178	1322625	53.836	ng		99
73) Carbazole	11.49	167	1148021	49.413	ng		99
74) Di-n-butylphthalate	11.83	149	1641617	53.749	ng		100
75) Fluoranthene	12.47	202	1165453	44.913	ng		97
77) Benzidine	12.59	184	64538	6.904	ng		98
78) Pyrene	12.70	202	1146479	49.179	ng		99
80) Butylbenzylphthalate	13.33	149	539258	47.672	ng		94
81) Benzo(a)anthracene	13.89	228	995400	54.716	ng		99
82) 3,3'-Dichlorobenzidine	13.86	252	261521	38.528	ng		97
83) Chrysene	13.93	228	999865	54.091	ng		100
84) Bis(2-ethylhexyl)phthalate	13.89	149	789553	51.542	ng	#	99
85) Di-n-octyl phthalate	14.50	149	1302299	49.930	ng		98
86) Indeno(1,2,3-cd)pyrene	16.72	276	784927	48.172	ng		97
88) Benzo(b)fluoranthene	14.92	252	910131	52.004	ng		98
89) Benzo(k)fluoranthene	14.95	252	833126	55.173	ng		99
90) Benzo(a)pyrene	15.27	252	783940	53.275	ng		99
91) Dibenzo(a,h)anthracene	16.74	278	666978	51.171	ng		98
92) Benzo(g,h,i)perylene	17.14	276	627279	48.754	ng		98

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

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