Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119673.D
Acq On : 1 Apr 2020 14:33
Operator : MA/SJ
Sample : L1762-25MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

Manual Integrations APPROVED
mohammad
4/3/2020 11:14:26 PM

Quant Time: Apr 02 00:40:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 11:59:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	260308	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	1010558	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	529279	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	1011189	20.00	ng		0.00
76) Chrysene-d12	13.99	240	752445	20.00	ng		0.00
87) Perylene-d12	15.45	264	800553	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	2121829	129.76	ng		0.04
7) Phenol-d6	6.45	99	2538406	121.52	ng		0.00
23) Nitrobenzene-d5	7.38	82	1825417	98.17	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	847275	155.17	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	3430389	96.02	ng		0.00
79) Terphenyl-d14	12.94	244	3814083	99.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	316547	39.196	ng	#	82
3) Pyridine	3.47	79	751179	33.762	ng		92
4) n-Nitrosodimethylamine	3.40	42	453929	41.837	ng		89
6) Aniline	6.47	93	241199	8.366	ng	#	89
8) 2-Chlorophenol	6.60	128	941846	54.841	ng		96
9) Benzaldehyde	6.36	77	439842	33.193	ng		99
10) Phenol	6.46	94	989162	44.380	ng		94
11) bis(2-Chloroethyl)ether	6.55	93	940945	52.785	ng		100
12) 1,3-Dichlorobenzene	6.76	146	908994	48.903	ng		98
13) 1,4-Dichlorobenzene	6.83	146	906447	48.754	ng		99
14) 1,2-Dichlorobenzene	6.99	146	846727	48.723	ng		99
15) Benzyl Alcohol	6.96	79	774939	49.319	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1619631	45.044	ng		96
17) 2-Methylphenol	7.07	107	767842	48.797	ng		99
18) Hexachloroethane	7.33	117	353366	51.863	ng		99
19) n-Nitroso-di-n-propylamine	7.24	70	643671	51.123	ng		96
20) 3+4-Methylphenols	7.23	107	874330	45.338	ng	#	78
22) Acetophenone	7.23	105	1218865	50.477	ng	#	90
24) Nitrobenzene	7.40	77	981498	49.392	ng		100
25) Isophorone	7.64	82	1856701	49.225	ng		99
26) 2-Nitrophenol	7.72	139	507796	64.901	ng		91
27) 2,4-Dimethylphenol	7.76	122	848540	52.449	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	1193050	53.489	ng		99
29) 2,4-Dichlorophenol	7.96	162	786500	52.908	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	837533	50.946	ng		99
31) Naphthalene	8.12	128	2719653	52.296	ng		100
32) Benzoic acid	7.86	122	353956	34.012	ng		95
33) 4-Chloroaniline	8.17	127	118714	4.982	ng		97
34) Hexachlorobutadiene	8.24	225	471964	51.311	ng		99
35) Caprolactam	8.55	113	204831m	42.102	ng		
36) 4-Chloro-3-methylphenol	8.66	107	860183	52.943	ng		99
37) 2-Methylnaphthalene	8.82	142	1840962	53.940	ng		98
38) 1-Methylnaphthalene	8.92	142	1731478	53.598	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	767565	49.477	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 11:59:45 2020
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	890279	100.942 ng		99
43) 2,4,6-Trichlorophenol	9.09	196	613667	55.276 ng		98
44) 2,4,5-Trichlorophenol	9.13	196	593343	47.709 ng		98
46) 1,1'-Biphenyl	9.28	154	2145866	49.780 ng		99
47) 2-Chloronaphthalene	9.30	162	1683172	49.848 ng		100
48) 2-Nitroaniline	9.40	65	603467	51.778 ng		90
49) Acenaphthylene	9.72	152	2638931	49.767 ng		99
50) Dimethylphthalate	9.59	163	1996465	53.105 ng		99
51) 2,6-Dinitrotoluene	9.64	165	453779	56.312 ng		91
52) Acenaphthene	9.90	154	1750953	52.968 ng		99
53) 3-Nitroaniline	9.81	138	131024	12.879 ng		92
54) 2,4-Dinitrophenol	9.92	184	301560	85.896 ng		96
55) Dibenzofuran	10.07	168	2390990	50.448 ng		99
56) 4-Nitrophenol	9.98	139	728833	90.815 ng		95
57) 2,4-Dinitrotoluene	10.05	165	614061	60.491 ng		98
58) Fluorene	10.41	166	1812541	51.716 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	502088	54.010 ng		99
60) Diethylphthalate	10.29	149	2051955	53.777 ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	874377	51.017 ng		99
62) 4-Nitroaniline	10.43	138	454275	46.566 ng		95
63) Azobenzene	10.56	77	1954242	50.860 ng		98
65) 4,6-Dinitro-2-methylphenol	10.46	198	254275	59.968 ng		93
66) n-Nitrosodiphenylamine	10.53	169	1721814	51.868 ng		100
67) 4-Bromophenyl-phenylether	10.89	248	594358	51.611 ng		100
68) Hexachlorobenzene	10.96	284	630479	53.491 ng	#	91
69) Atrazine	11.06	200	532257	58.486 ng		98
70) Pentachlorophenol	11.16	266	691826	100.104 ng		97
71) Phenanthrene	11.37	178	2667818	50.881 ng		100
72) Anthracene	11.43	178	2717020	50.986 ng		99
73) Carbazole	11.58	167	2587655	49.059 ng		100
74) Di-n-butylphthalate	11.92	149	3179872	56.356 ng		100
75) Fluoranthene	12.56	202	2935312	51.728 ng		99
77) Benzidine	12.68	184	131835	4.140 ng		99
78) Pyrene	12.79	202	2969882	48.093 ng		100
80) Butylbenzylphthalate	13.42	149	1403192	56.181 ng		99
81) Benzo(a)anthracene	13.99	228	2331237	47.644 ng		98
82) 3,3'-Dichlorobenzidine	13.94	252	257745	13.360 ng		98
83) Chrysene	14.02	228	2499298	49.493 ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1778201	59.724 ng		99
85) Di-n-octyl phthalate	14.59	149	3263183	62.318 ng		99
86) Indeno(1,2,3-cd)pyrene	16.92	276	2759744	58.027 ng		98
88) Benzo(b)fluoranthene	15.03	252	2836188	53.036 ng		98
89) Benzo(k)fluoranthene	15.06	252	2364318	46.431 ng		99
90) Benzo(a)pyrene	15.39	252	2398771	49.358 ng		99
91) Dibenzo(a,h)anthracene	16.94	278	2290250	53.878 ng		99
92) Benzo(g,h,i)perylene	17.36	276	2300516	53.870 ng		96

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

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