Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119837.D
Acq On : 8 Apr 2020 21:02
Operator : MA/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
mohammad
4/10/2020 9:57:03 AM

Quant Time: Apr 09 01:16:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 08 21:57:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	198066	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	698032	20.00	ng		0.00
39) Acenaphthene-d10	9.82	164	333807	20.00	ng		0.00
64) Phenanthrene-d10	11.30	188	631583	20.00	ng		0.00
76) Chrysene-d12	13.95	240	426261	20.00	ng		0.00
87) Perylene-d12	15.37	264	374931	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1285025	103.28	ng		0.00
7) Phenol-d6	6.42	99	1604386	100.94	ng		0.01
23) Nitrobenzene-d5	7.35	82	1545925	120.36	ng		0.00
42) 2,4,6-Tribromophenol	10.61	330	489012	142.00	ng		0.00
45) 2-Fluorobiphenyl	9.14	172	2804112	124.45	ng		0.00
79) Terphenyl-d14	12.89	244	2880057	132.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	297990	48.493	ng		98
3) Pyridine	3.16	79	845433	49.939	ng		98
4) n-Nitrosodimethylamine	3.13	42	421497	51.055	ng		99
6) Aniline	6.44	93	1043686	47.579	ng		98
8) 2-Chlorophenol	6.56	128	689092	52.732	ng		94
9) Benzaldehyde	6.32	77	374793	37.172	ng		97
10) Phenol	6.43	94	913323	53.854	ng		91
11) bis(2-Chloroethyl)ether	6.52	93	749112	55.229	ng		99
12) 1,3-Dichlorobenzene	6.71	146	836399	59.138	ng		99
13) 1,4-Dichlorobenzene	6.79	146	841834	59.507	ng		99
14) 1,2-Dichlorobenzene	6.95	146	726379	54.933	ng		98
15) Benzyl Alcohol	6.92	79	644623	53.918	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1373598	50.206	ng		99
17) 2-Methylphenol	7.03	107	625578	52.249	ng		96
18) Hexachloroethane	7.29	117	293592	56.631	ng		93
19) n-Nitroso-di-n-propylamine	7.20	70	524551	54.755	ng		97
20) 3+4-Methylphenols	7.19	107	757560	51.628	ng		99
22) Acetophenone	7.19	105	926194	55.530	ng	#	97
24) Nitrobenzene	7.36	77	778939	56.749	ng		98
25) Isophorone	7.60	82	1461857	56.109	ng		100
26) 2-Nitrophenol	7.67	139	388292	71.847	ng		96
27) 2,4-Dimethylphenol	7.72	122	589257	52.730	ng		99
28) bis(2-Chloroethoxy)methane	7.81	93	880638	57.160	ng		99
29) 2,4-Dichlorophenol	7.92	162	585089	56.981	ng		97
30) 1,2,4-Trichlorobenzene	8.00	180	708229	62.369	ng		99
31) Naphthalene	8.08	128	2143250	59.665	ng		99
32) Benzoic acid	7.87	122	525503	73.104	ng		98
33) 4-Chloroaniline	8.13	127	935126	56.812	ng		97
34) Hexachlorobutadiene	8.20	225	422559	66.508	ng		98
35) Caprolactam	8.53	113	173736m	51.700	ng		
36) 4-Chloro-3-methylphenol	8.62	107	637736	56.826	ng		99
37) 2-Methylnaphthalene	8.77	142	1370513	58.134	ng		99
38) 1-Methylnaphthalene	8.87	142	1299589	58.241	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	631677	64.561	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	376799	67.740 ng	97
43) 2,4,6-Trichlorophenol	9.05	196	446864	63.822 ng	99
44) 2,4,5-Trichlorophenol	9.09	196	503768	64.227 ng	98
46) 1,1'-Biphenyl	9.24	154	1703547	62.660 ng	97
47) 2-Chloronaphthalene	9.26	162	1290192	60.584 ng	96
48) 2-Nitroaniline	9.36	65	468757	63.772 ng	96
49) Acenaphthylene	9.68	152	1942680	58.091 ng	98
50) Dimethylphthalate	9.55	163	1543921	65.116 ng	98
51) 2,6-Dinitrotoluene	9.60	165	341401	67.176 ng	99
52) Acenaphthene	9.85	154	1337994m	64.177 ng	
53) 3-Nitroaniline	9.77	138	391660	61.043 ng	97
54) 2,4-Dinitrophenol	9.88	184	218292	117.165 ng	98
55) Dibenzofuran	10.02	168	1782173	59.622 ng	98
56) 4-Nitrophenol	9.93	139	294830	58.249 ng	98
57) 2,4-Dinitrotoluene	10.01	165	439889	68.709 ng	94
58) Fluorene	10.37	166	1380053	62.434 ng	97
59) 2,3,4,6-Tetrachlorophenol	10.14	232	373868	63.768 ng	99
60) Diethylphthalate	10.25	149	1600291	66.499 ng	98
61) 4-Chlorophenyl-phenylether	10.36	204	707291	65.434 ng	96
62) 4-Nitroaniline	10.39	138	377782	61.401 ng	97
63) Azobenzene	10.52	77	1490959	61.525 ng	96
65) 4,6-Dinitro-2-methylphenol	10.42	198	262776	99.221 ng	92
66) n-Nitrosodiphenylamine	10.48	169	1274613	61.475 ng	99
67) 4-Bromophenyl-phenylether	10.85	248	466570	64.865 ng	97
68) Hexachlorobenzene	10.92	284	476905	64.781 ng	95
69) Atrazine	11.01	200	345741	60.825 ng	97
70) Pentachlorophenol	11.10	266	278875	64.605 ng	100
71) Phenanthrene	11.33	178	1991302	60.805 ng	98
72) Anthracene	11.38	178	1990807	59.812 ng	100
73) Carbazole	11.53	167	1951542	59.236 ng	99
74) Di-n-butylphthalate	11.87	149	2549426	72.340 ng	99
75) Fluoranthene	12.52	202	2116371	59.713 ng	98
77) Benzidine	12.63	184	658412	36.498 ng	96
78) Pyrene	12.75	202	2100975	60.057 ng	99
80) Butylbenzylphthalate	13.36	149	1053693	74.471 ng	99
81) Benzo(a)anthracene	13.93	228	1652335	59.610 ng	100
82) 3,3'-Dichlorobenzidine	13.90	252	598859	54.794 ng	97
83) Chrysene	13.97	228	1674172	58.523 ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	1410353	83.617 ng	100
85) Di-n-octyl phthalate	14.54	149	2154175	72.620 ng	100
86) Indeno(1,2,3-cd)pyrene	16.80	276	1313702	48.760 ng	100
88) Benzo(b)fluoranthene	14.97	252	1417867	56.612 ng	100
89) Benzo(k)fluoranthene	15.00	252	1258268	52.761 ng	99
90) Benzo(a)pyrene	15.32	252	1231040	54.086 ng	100
91) Dibenzo(a,h)anthracene	16.82	278	1080218	54.260 ng	99
92) Benzo(g,h,i)perylene	17.23	276	1364318	68.215 ng	99

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

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