Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119412.D
Acq On : 18 Mar 2020 13:09
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
3/19/2020 2:43:48 PM

Quant Time: Mar 18 14:46:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 14:23:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	276863	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	986501	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	490813	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	932375	20.00	ng		0.00
76) Chrysene-d12	14.03	240	661687	20.00	ng		0.00
87) Perylene-d12	15.50	264	597981	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	2003198	120.92	ng		0.00
7) Phenol-d6	6.48	99	2550745	126.60	ng		0.00
23) Nitrobenzene-d5	7.43	82	2228726	119.29	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	613909	95.61	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	3558916	106.82	ng		0.00
79) Terphenyl-d14	12.98	244	3756727	97.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	507471	68.799	ng		98
3) Pyridine	3.35	79	1395362	69.268	ng		100
4) n-Nitrosodimethylamine	3.31	42	692641	113.504	ng		97
6) Aniline	6.52	93	1801941	72.479	ng		99
8) 2-Chlorophenol	6.64	128	1050611	58.763	ng		94
9) Benzaldehyde	6.40	77	792549	58.875	ng		99
10) Phenol	6.49	94	1378292	63.271	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	1094880	65.688	ng		95
12) 1,3-Dichlorobenzene	6.80	146	1138024	53.107	ng		99
13) 1,4-Dichlorobenzene	6.87	146	1137724	53.056	ng		98
14) 1,2-Dichlorobenzene	7.03	146	1055471	53.970	ng		98
15) Benzyl Alcohol	7.00	79	975109	66.963	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	2220011	153.755	ng		99
17) 2-Methylphenol	7.10	107	976735	67.382	ng		97
18) Hexachloroethane	7.37	117	422791	55.110	ng		99
19) n-Nitroso-di-n-propylamine	7.28	70	770551	65.632	ng		99
20) 3+4-Methylphenols	7.26	107	1166723	65.698	ng		93
22) Acetophenone	7.27	105	1361542	59.651	ng	#	91
24) Nitrobenzene	7.45	77	1167916	63.211	ng		95
25) Isophorone	7.69	82	2166150	66.757	ng		97
26) 2-Nitrophenol	7.76	139	508520	51.945	ng		97
27) 2,4-Dimethylphenol	7.79	122	928761	69.904	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	1277760	60.499	ng		99
29) 2,4-Dichlorophenol	8.00	162	862184	55.123	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	947372	51.086	ng		98
31) Naphthalene	8.17	128	2919300	57.060	ng		98
32) Benzoic acid	7.92	122	703648	77.732	ng		100
33) 4-Chloroaniline	8.21	127	1350628	61.378	ng		98
34) Hexachlorobutadiene	8.29	225	529708	45.856	ng		99
35) Caprolactam	8.59	113	287085m	59.609	ng		
36) 4-Chloro-3-methylphenol	8.69	107	942159	59.519	ng		99
37) 2-Methylnaphthalene	8.86	142	1929446	56.039	ng		99
38) 1-Methylnaphthalene	8.96	142	1834030	56.641	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	834861	50.450	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	483789	99.687	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	625364	59.843	ng		100
44) 2,4,5-Trichlorophenol	9.17	196	681522	62.149	ng		96
46) 1,1'-Biphenyl	9.33	154	2323601	58.577	ng		99
47) 2-Chloronaphthalene	9.35	162	1827310	57.164	ng		99
48) 2-Nitroaniline	9.44	65	702808	78.826	ng		95
49) Acenaphthylene	9.77	152	2853661	61.809	ng		99
50) Dimethylphthalate	9.63	163	2042722	54.427	ng		98
51) 2,6-Dinitrotoluene	9.69	165	464645	55.723	ng		95
52) Acenaphthene	9.94	154	1810278	65.027	ng		100
53) 3-Nitroaniline	9.86	138	591934	64.034	ng		98
54) 2,4-Dinitrophenol	9.96	184	197658	57.498	ng		88
55) Dibenzofuran	10.11	168	2550030	61.369	ng		98
56) 4-Nitrophenol	10.00	139	472291	85.035	ng		94
57) 2,4-Dinitrotoluene	10.09	165	613750	56.786	ng	#	87
58) Fluorene	10.46	166	1859574	57.592	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	522602	56.479	ng		98
60) Diethylphthalate	10.33	149	2099676	59.365	ng		100
61) 4-Chlorophenyl-phenylether	10.45	204	911918	53.357	ng		99
62) 4-Nitroaniline	10.47	138	573761	60.666	ng		98
63) Azobenzene	10.61	77	2100812	68.334	ng		97
65) 4,6-Dinitro-2-methylphenol	10.50	198	270280	47.906	ng		99
66) n-Nitrosodiphenylamine	10.57	169	1774827	58.135	ng		99
67) 4-Bromophenyl-phenylether	10.94	248	616593	50.593	ng		95
68) Hexachlorobenzene	11.00	284	634779	45.176	ng		93
69) Atrazine	11.09	200	494407	46.351	ng		99
70) Pentachlorophenol	11.19	266	397742	70.270	ng		98
71) Phenanthrene	11.42	178	2800679	55.080	ng		99
72) Anthracene	11.47	178	2833839	55.779	ng		99
73) Carbazole	11.62	167	2806847	62.015	ng		98
74) Di-n-butylphthalate	11.96	149	3048852	55.625	ng		98
75) Fluoranthene	12.60	202	3048286	56.478	ng		98
77) Benzidine	12.73	184	1604837	59.637	ng		97
78) Pyrene	12.83	202	3108086	58.497	ng		99
80) Butylbenzylphthalate	13.46	149	1357697	60.714	ng		99
81) Benzo(a)anthracene	14.03	228	2444364	54.217	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	991517	56.636	ng		96
83) Chrysene	14.06	228	2585435	57.552	ng		98
84) Bis(2-ethylhexyl)phthalate	14.02	149	1550310	54.876	ng		100
85) Di-n-octyl phthalate	14.63	149	2791305	62.011	ng		100
86) Indeno(1,2,3-cd)pyrene	16.98	276	2214371	50.907	ng		100
88) Benzo(b)fluoranthene	15.07	252	2369482	60.115	ng		100
89) Benzo(k)fluoranthene	15.11	252	2340829	64.084	ng		98
90) Benzo(a)pyrene	15.44	252	2177946	61.224	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	1799809	57.501	ng		99
92) Benzo(g,h,i)perylene	17.43	276	1822385	58.926	ng		98

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

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