Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119414.D
Acq On : 18 Mar 2020 14:07
Operator : CG/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
mohammad
3/19/2020 2:43:54 PM

Quant Time: Mar 18 15:12:21 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	334757	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	1128649	20.00	ng		0.00
39) Acenaphthene-d10	9.91	164	567868	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1039991	20.00	ng		0.00
76) Chrysene-d12	14.04	240	570672	20.00	ng		0.00
87) Perylene-d12	15.50	264	548832	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	3213227	160.41	ng		0.01
7) Phenol-d6	6.49	99	4052146	166.33	ng		0.02
23) Nitrobenzene-d5	7.43	82	3726632	174.34	ng		0.01
42) 2,4,6-Tribromophenol	10.70	330	981386	132.11	ng		0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	12.99	244	5226243	157.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	833646	93.473	ng		97
3) Pyridine	3.36	79	2361296	96.946	ng		99
4) n-Nitrosodimethylamine	3.33	42	1164557	157.833	ng		98
6) Aniline	6.53	93	2907580	96.725	ng		97
8) 2-Chlorophenol	6.65	128	1691997	78.270	ng		97
9) Benzaldehyde	6.41	77	1316469	80.882	ng		98
10) Phenol	6.51	94	2200908m	83.560	ng		
11) bis(2-Chloroethyl)ether	6.60	93	1801809	89.405	ng		97
12) 1,3-Dichlorobenzene	6.80	146	1844545	71.191	ng		97
13) 1,4-Dichlorobenzene	6.88	146	1859100	71.703	ng		99
14) 1,2-Dichlorobenzene	7.03	146	1651114	69.826	ng		98
15) Benzyl Alcohol	7.01	79	1559423	88.568	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	3692711	211.522	ng		99
17) 2-Methylphenol	7.11	107	1628055	92.891	ng		98
18) Hexachloroethane	7.37	117	735281	79.267	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	1333846	93.962	ng		99
20) 3+4-Methylphenols	7.27	107	1816498	84.597	ng	#	86
22) Acetophenone	7.28	105	2203813	84.392	ng	#	90
24) Nitrobenzene	7.45	77	1949135	92.207	ng		99
25) Isophorone	7.70	82	3796124	102.256	ng		98
26) 2-Nitrophenol	7.76	139	895396	79.944	ng		97
27) 2,4-Dimethylphenol	7.80	122	1564585	102.928	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	2177091	90.098	ng		98
29) 2,4-Dichlorophenol	8.00	162	1436149	80.254	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	1547868	72.954	ng		97
31) Naphthalene	8.17	128	4550021	77.733	ng		96
32) Benzoic acid	7.96	122	1288438	124.408	ng		97
33) 4-Chloroaniline	8.22	127	2183757	86.740	ng		97
34) Hexachlorobutadiene	8.29	225	885256	66.984	ng		99
35) Caprolactam	8.62	113	476259m	86.434	ng		
36) 4-Chloro-3-methylphenol	8.70	107	1553186	85.762	ng		99
37) 2-Methylnaphthalene	8.86	142	3087888	78.390	ng		99
38) 1-Methylnaphthalene	8.96	142	2915466	78.699	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	1331209	69.529	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	857710	152.754	ng		100
43) 2,4,6-Trichlorophenol	9.14	196	1026450	84.896	ng		100
44) 2,4,5-Trichlorophenol	9.18	196	1145426	90.280	ng		99
46) 1,1'-Biphenyl	9.33	154	3571697	77.823	ng		95
47) 2-Chloronaphthalene	9.36	162	2881046	77.898	ng		97
48) 2-Nitroaniline	9.45	65	1168792	113.302	ng		99
49) Acenaphthylene	9.77	152	4381872	82.032	ng		97
50) Dimethylphthalate	9.64	163	3363243	77.452	ng		98
51) 2,6-Dinitrotoluene	9.70	165	786211	81.494	ng		88
52) Acenaphthene	9.95	154	2875932	89.288	ng		99
53) 3-Nitroaniline	9.87	138	946488	88.495	ng		98
54) 2,4-Dinitrophenol	9.96	184	373871	94.001	ng		91
55) Dibenzofuran	10.12	168	3891204	80.939	ng		94
56) 4-Nitrophenol	10.02	139	746566	116.179	ng		87
57) 2,4-Dinitrotoluene	10.10	165	1019916	81.561	ng	#	86
58) Fluorene	10.46	166	2838194	75.974	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.23	232	849121	79.315	ng		96
60) Diethylphthalate	10.34	149	3368301	82.311	ng		97
61) 4-Chlorophenyl-phenylether	10.45	204	1412068	71.410	ng		98
62) 4-Nitroaniline	10.49	138	925666	84.593	ng		99
63) Azobenzene	10.62	77	3355097m	94.325	ng		
65) 4,6-Dinitro-2-methylphenol	10.51	198	483927	76.898	ng		95
66) n-Nitrosodiphenylamine	10.57	169	2792857	82.015	ng		97
67) 4-Bromophenyl-phenylether	10.95	248	989992	72.826	ng		93
68) Hexachlorobenzene	11.00	284	1016336	64.846	ng		98
69) Atrazine	11.10	200	791811	66.551	ng		98
70) Pentachlorophenol	11.19	266	638667	101.158	ng		98
71) Phenanthrene	11.42	178	4185618	73.800	ng		97
72) Anthracene	11.47	178	4221416	74.493	ng		96
73) Carbazole	11.63	167	4111101	81.432	ng		95
74) Di-n-butylphthalate	11.96	149	4627547	75.691	ng	#	97
75) Fluoranthene	12.61	202	4318749	71.737	ng		96
77) Benzidine	12.73	184	2021858	87.116	ng	#	90
78) Pyrene	12.84	202	4423340	96.528	ng		97
80) Butylbenzylphthalate	13.46	149	1924118	99.767	ng		97
81) Benzo(a)anthracene	14.03	228	3079382	79.195	ng		97
82) 3,3'-Dichlorobenzidine	13.99	252	1215899	80.530	ng		94
83) Chrysene	14.07	228	3201111	82.621	ng		97
84) Bis(2-ethylhexyl)phthalate	14.02	149	2139506	87.810	ng		99
85) Di-n-octyl phthalate	14.63	149	3607784	92.933	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	3418223	91.116	ng		100
88) Benzo(b)fluoranthene	15.08	252	3139195	86.776	ng		100
89) Benzo(k)fluoranthene	15.11	252	2886143	86.089	ng		99
90) Benzo(a)pyrene	15.45	252	2834691	86.821	ng		98
91) Dibenzo(a,h)anthracene	17.02	278	2693751	93.767	ng		99
92) Benzo(g,h,i)perylene	17.44	276	2880531	101.482	ng		99

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

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