Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060920\
Data File : BF120583.D
Acq On : 9 Jun 2020 16:56
Operator : JU/CG
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
mohammad
6/10/2020 11:51:02 AM

Quant Time: Jun 09 18:10:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 14:52:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	197967	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	718194	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	353399	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	766112	20.00	ng		0.00
76) Chrysene-d12	13.97	240	565855	20.00	ng		0.01
86) Perylene-d12	15.41	264	563676	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1624927	156.43	ng		0.00
7) Phenol-d6	6.46	99	1979515	154.60	ng		0.02
23) Nitrobenzene-d5	7.38	82	1978335	180.19	ng		0.01
42) 2,4,6-Tribromophenol	10.64	330	647022	197.60	ng		0.01
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	454888	88.401	ng		99
3) Pyridine	3.25	79	1210051	84.908	ng		100
4) n-Nitrosodimethylamine	3.22	42	523992	86.883	ng		98
6) Aniline	6.47	93	1365775	76.502	ng	#	9
8) 2-Chlorophenol	6.60	128	931668	79.541	ng		99
9) Benzaldehyde	6.36	77	414011	53.054	ng		98
10) Phenol	6.47	94	1126990	80.490	ng		84
11) bis(2-Chloroethyl)ether	6.55	93	964113	82.400	ng		99
12) 1,3-Dichlorobenzene	6.75	146	1021118	79.352	ng		98
13) 1,4-Dichlorobenzene	6.83	146	1050026	81.785	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1421289	77.053	ng		97
17) 2-Methylphenol	7.07	107	887631	84.747	ng	#	92
18) Hexachloroethane	7.32	117	397999	84.687	ng		96
19) n-Nitroso-di-n-propylamine	7.24	70	663518	81.523	ng		98
22) Acetophenone	7.23	105	1167596	80.048	ng	#	94
24) Nitrobenzene	7.40	77	1014022	85.737	ng		97
25) Isophorone	7.64	82	1985674	89.984	ng		100
26) 2-Nitrophenol	7.71	139	565771	106.099	ng		93
27) 2,4-Dimethylphenol	7.75	122	790500	85.363	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	1132322	85.207	ng		99
29) 2,4-Dichlorophenol	7.96	162	823800	88.073	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	894086	85.177	ng		99
31) Naphthalene	8.12	128	2447883	77.608	ng		98
32) Benzoic acid	7.92	122	755207	109.896	ng		96
33) 4-Chloroaniline	8.17	127	1326649	94.902	ng		99
34) Hexachlorobutadiene	8.23	225	516382	82.994	ng		98
35) Caprolactam	8.57	113	321498m	106.132	ng		
36) 4-Chloro-3-methylphenol	8.66	107	839804	88.496	ng		100
37) 2-Methylnaphthalene	8.80	142	1660050	79.458	ng		97
38) 1-Methylnaphthalene	8.90	142	1408151	71.406	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	737845	81.415	ng		98
41) Hexachlorocyclopentadiene	8.95	237	478034	94.511	ng		100
43) 2,4,6-Trichlorophenol	9.09	196	608502	92.838	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	673762	90.684	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.27	154	2045673	88.117	ng		97
47) 2-Chloronaphthalene	9.30	162	1730002	90.497	ng		99
48) 2-Nitroaniline	9.39	65	590652	101.441	ng		99
49) Acenaphthylene	9.71	152	2564015	86.795	ng		98
50) Dimethylphthalate	9.58	163	2195418	99.369	ng		99
51) 2,6-Dinitrotoluene	9.64	165	477096	97.170	ng		95
52) Acenaphthene	9.88	154	1404470	76.177	ng		99
53) 3-Nitroaniline	9.81	138	598431	103.793	ng		99
54) 2,4-Dinitrophenol	9.92	184	303663	182.447	ng		91
55) Dibenzofuran	10.06	168	2128764	79.453	ng		100
56) 4-Nitrophenol	9.97	139	410421	92.979	ng		88
57) 2,4-Dinitrotoluene	10.05	165	576229	91.700	ng	#	87
58) Fluorene	10.40	166	1627682	80.955	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	531083	91.731	ng		99
60) Diethylphthalate	10.27	149	2093583	93.772	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	814730	74.742	ng		95
62) 4-Nitroaniline	10.43	138	637546	117.129	ng		99
63) Azobenzene	10.55	77	1935683	92.174	ng		98
65) 4,6-Dinitro-2-methylphenol	10.46	198	416987	149.225	ng		87
66) n-Nitrosodiphenylamine	10.51	169	1756781	82.551	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	649366	83.970	ng		96
68) Hexachlorobenzene	10.95	284	682297	82.848	ng		96
70) Pentachlorophenol	11.13	266	417408	82.897	ng		98
71) Phenanthrene	11.36	178	2601703	77.071	ng		98
72) Anthracene	11.41	178	2593262	76.565	ng		98
73) Carbazole	11.56	167	2403875	73.379	ng		98
77) Benzidine	12.66	184	904461	60.834	ng	#	95
78) Pyrene	12.77	202	2952475	75.027	ng		98
80) Butylbenzylphthalate	13.39	149	1396485	85.004	ng		98
81) Benzo(a)anthracene	13.96	228	2511046	82.800	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	871802	79.182	ng		98
83) Chrysene	14.00	228	2541456	79.936	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	1569807	81.401	ng		100
85) Di-n-octyl phthalate	14.56	149	2785888	83.487	ng		98
87) Indeno(1,2,3-cd)pyrene	16.84	276	2434040	78.951	ng	#	76
88) Benzo(b)fluoranthene	15.00	252	2754753	87.988	ng		98
89) Benzo(k)fluoranthene	15.03	252	2179878	74.582	ng		98
90) Benzo(a)pyrene	15.36	252	2315300	84.545	ng		98
91) Dibenzo(a,h)anthracene	16.87	278	1940100	77.187	ng		99
92) Benzo(g,h,i)perylene	17.29	276	1941715	78.325	ng		99

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

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