Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091020\
Data File : BF121552.D
Acq On : 10 Sep 2020 15:10
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
9/11/2020 11:48:22 AM

Quant Time: Sep 10 15:48:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 14:49:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	189742	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	686567	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	345809	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	632649	20.00	ng	0.00
76) Chrysene-d12	13.99	240	485661	20.00	ng	0.00
86) Perylene-d12	15.44	264	453198	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1384153	122.39	ng	0.00
7) Phenol-d6	6.47	99	1838571	116.33	ng	0.01
23) Nitrobenzene-d5	7.40	82	1499918	149.36	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	515907	147.70	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2379765	111.04	ng	0.00
79) Terphenyl-d14	12.94	244	2684691	116.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.60	88	340162	63.070	ng	99
3) Pyridine	3.35	79	955885	65.083	ng	99
4) n-Nitrosodimethylamine	3.32	42	442437	68.149	ng	99
6) Aniline	6.50	93	1234872	65.853	ng	99
8) 2-Chlorophenol	6.62	128	715118	62.303	ng	100
9) Benzaldehyde	6.39	77	521545	67.298	ng	99
10) Phenol	6.49	94	961222	62.173	ng	87
11) bis(2-Chloroethyl)ether	6.57	93	749800	59.691	ng	100
12) 1,3-Dichlorobenzene	6.77	146	791980	57.306	ng	98
13) 1,4-Dichlorobenzene	6.85	146	795145	57.410	ng	98
14) 1,2-Dichlorobenzene	7.01	146	712694	55.263	ng	98
15) Benzyl Alcohol	6.98	79	630473	60.779	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1208655	64.951	ng	98
17) 2-Methylphenol	7.09	107	632991	63.383	ng	98
18) Hexachloroethane	7.35	117	294036	62.032	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	534895	60.562	ng	100
20) 3+4-Methylphenols	7.25	107	697487	57.714	ng	98
22) Acetophenone	7.25	105	940958	55.606	ng	99
24) Nitrobenzene	7.42	77	795699	79.044	ng	98
25) Isophorone	7.66	82	1502604	66.522	ng	99
26) 2-Nitrophenol	7.73	139	387683	113.916	ng	94
27) 2,4-Dimethylphenol	7.77	122	652775	69.678	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	910256	59.262	ng	98
29) 2,4-Dichlorophenol	7.97	162	609579	65.899	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	624255	55.089	ng	100
31) Naphthalene	8.14	128	2000115	58.680	ng	99
32) Benzoic acid	7.92	122	513169	99.065	ng	98
33) 4-Chloroaniline	8.19	127	898237	59.167	ng	98
34) Hexachlorobutadiene	8.26	225	367543	54.541	ng	99
35) Caprolactam	8.58	113	208358m	69.062	ng	
36) 4-Chloro-3-methylphenol	8.67	107	646889	66.328	ng	99
37) 2-Methylnaphthalene	8.83	142	1289758	57.112	ng	99
38) 1-Methylnaphthalene	8.93	142	1210301	56.757	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	605501	59.068	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	395049	91.643	ng		98
43) 2,4,6-Trichlorophenol	9.10	196	433122	66.849	ng		100
44) 2,4,5-Trichlorophenol	9.15	196	458271	71.528	ng		95
46) 1,1'-Biphenyl	9.30	154	1503536	57.618	ng		99
47) 2-Chloronaphthalene	9.32	162	1220248	56.892	ng		100
48) 2-Nitroaniline	9.42	65	419432	89.957	ng		95
49) Acenaphthylene	9.73	152	1870602	58.143	ng		99
50) Dimethylphthalate	9.60	163	1427409	60.092	ng		99
51) 2,6-Dinitrotoluene	9.66	165	331257	95.545	ng		89
52) Acenaphthene	9.91	154	1194147	58.782	ng		99
53) 3-Nitroaniline	9.83	138	378473	82.773	ng		98
54) 2,4-Dinitrophenol	9.93	184	171078	138.720	ng	#	89
55) Dibenzofuran	10.08	168	1630882	55.266	ng		99
56) 4-Nitrophenol	9.99	139	316137	85.105	ng		89
57) 2,4-Dinitrotoluene	10.06	165	421684	102.279	ng		97
58) Fluorene	10.42	166	1206662	54.243	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	375046	70.311	ng		98
60) Diethylphthalate	10.30	149	1365848	57.232	ng		99
61) 4-Chlorophenyl-phenylether	10.41	204	594262	53.317	ng		99
62) 4-Nitroaniline	10.45	138	370747	75.522	ng		98
63) Azobenzene	10.57	77	1441918	61.097	ng		97
65) 4,6-Dinitro-2-methylphenol	10.47	198	234800	143.171	ng		95
66) n-Nitrosodiphenylamine	10.53	169	1209038	60.424	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	416471	59.840	ng		98
68) Hexachlorobenzene	10.97	284	463153	56.909	ng		94
69) Atrazine	11.06	200	314769	54.243	ng		99
70) Pentachlorophenol	11.16	266	286111	76.951	ng		99
71) Phenanthrene	11.38	178	1849744	56.974	ng		99
72) Anthracene	11.43	178	1918324	60.076	ng		99
73) Carbazole	11.59	167	1765970	57.352	ng		100
74) Di-n-butylphthalate	11.92	149	2048291	59.879	ng		99
75) Fluoranthene	12.57	202	1988201	56.821	ng		99
77) Benzidine	12.69	184	915891	86.471	ng		100
78) Pyrene	12.80	202	2048008	59.046	ng		99
80) Butylbenzylphthalate	13.42	149	880405	65.886	ng		94
81) Benzo(a)anthracene	13.98	228	1738448	58.638	ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	710813	65.458	ng		99
83) Chrysene	14.02	228	1772521	59.760	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1109184	64.270	ng		99
85) Di-n-octyl phthalate	14.59	149	2012327	68.803	ng		100
87) Indeno(1,2,3-cd)pyrene	16.89	276	1700124	60.970	ng		100
88) Benzo(b)fluoranthene	15.03	252	1803380	61.172	ng		99
89) Benzo(k)fluoranthene	15.06	252	1577917	57.545	ng		98
90) Benzo(a)pyrene	15.39	252	1506872	56.844	ng		99
91) Dibenzo(a,h)anthracene	16.91	278	1391906	60.980	ng		99
92) Benzo(g,h,i)perylene	17.33	276	1404326	63.868	ng		99

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

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