Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120403.D
Acq On : 28 May 2020 12:46
Operator : MA/SJ
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC100

Manual Integrations APPROVED
mohammad
5/29/2020 10:27:52 PM

Quant Time: May 28 13:32:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 11:27:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	257502	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	952672	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	489323	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	912525	20.00	ng	0.00
76) Chrysene-d12	14.00	240	563101	20.00	ng	0.00
86) Perylene-d12	15.44	264	554509	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2219461	167.70	ng	0.00
7) Phenol-d6	6.48	99	2695620	161.07	ng	0.01
23) Nitrobenzene-d5	7.42	82	2531460	181.93	ng	0.01
42) 2,4,6-Tribromophenol	10.67	330	743977	186.48	ng	0.01
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	12.96	244	4101337	160.91	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.59	88	595776	113.167	ng	99
3) Pyridine	3.35	79	1690507	102.152	ng	99
4) n-Nitrosodimethylamine	3.32	42	725309	111.932	ng	98
6) Aniline	6.52	93	1976984	92.367	ng	98
8) 2-Chlorophenol	6.63	128	1224001	79.321	ng	94
10) Phenol	6.50	94	1462016m	74.834	ng	
11) bis(2-Chloroethyl)ether	6.59	93	1267497	81.218	ng	97
12) 1,3-Dichlorobenzene	6.79	146	1371223	83.045	ng	99
13) 1,4-Dichlorobenzene	6.86	146	1357430	79.819	ng	99
14) 1,2-Dichlorobenzene	7.02	146	1171551	76.500	ng	97
15) Benzyl Alcohol	6.99	79	1019504	85.746	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1999108	81.285	ng	99
17) 2-Methylphenol	7.10	107	1160498	89.088	ng	97
18) Hexachloroethane	7.36	117	516766	79.765	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	910800	83.069	ng	98
22) Acetophenone	7.27	105	1546277	79.229	ng	98
24) Nitrobenzene	7.44	77	1360029	90.820	ng	94
25) Isophorone	7.68	82	2652498	91.618	ng	99
26) 2-Nitrophenol	7.75	139	678068	86.578	ng	95
27) 2,4-Dimethylphenol	7.79	122	1106678	97.138	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	1508443	82.893	ng	99
29) 2,4-Dichlorophenol	7.99	162	1073591	91.753	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	1163587	89.739	ng	98
31) Naphthalene	8.15	128	3328165	82.775	ng	98
32) Benzoic acid	7.95	122	1002061	134.186	ng	97
33) 4-Chloroaniline	8.20	127	1628748	88.889	ng	99
34) Hexachlorobutadiene	8.27	225	680408	90.787	ng	99
35) Caprolactam	8.60	113	370053m	96.670	ng	
36) 4-Chloro-3-methylphenol	8.68	107	1103331	87.166	ng	99
37) 2-Methylnaphthalene	8.84	142	2228507	80.993	ng	99
38) 1-Methylnaphthalene	8.94	142	2088890	78.276	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	1006595	81.582	ng	99
41) Hexachlorocyclopentadiene	8.99	237	623975	142.946	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	812726	98.130	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.16	196	870031	91.473	ng		99
46) 1,1'-Biphenyl	9.31	154	2489405	77.646	ng		97
47) 2-Chloronaphthalene	9.33	162	2101856	81.728	ng		97
48) 2-Nitroaniline	9.43	65	738587	78.712	ng		96
49) Acenaphthylene	9.75	152	3251301	82.762	ng		99
50) Dimethylphthalate	9.62	163	2596422	83.939	ng		99
51) 2,6-Dinitrotoluene	9.67	165	615792	89.196	ng		86
52) Acenaphthene	9.92	154	2081501	88.395	ng		99
53) 3-Nitroaniline	9.85	138	708960	86.114	ng		95
54) 2,4-Dinitrophenol	9.94	184	279997	85.920	ng		95
55) Dibenzofuran	10.09	168	2888906	85.193	ng		98
56) 4-Nitrophenol	9.99	139	571119	129.104	ng		100
57) 2,4-Dinitrotoluene	10.07	165	782260	96.594	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.20	232	680842	95.117	ng		99
60) Diethylphthalate	10.31	149	2545555	85.241	ng		98
62) 4-Nitroaniline	10.46	138	686252	89.516	ng		99
63) Azobenzene	10.59	77	2351709	83.323	ng		98
65) 4,6-Dinitro-2-methylphenol	10.48	198	381070	82.573	ng		98
66) n-Nitrosodiphenylamine	10.55	169	2112922	83.694	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	771054	87.076	ng		96
68) Hexachlorobenzene	10.98	284	809062	87.337	ng	#	92
69) Atrazine	11.07	200	582969	77.172	ng		98
70) Pentachlorophenol	11.16	266	547593	138.984	ng		97
71) Phenanthrene	11.39	178	3195176	83.328	ng		98
72) Anthracene	11.45	178	3182319	77.524	ng		97
73) Carbazole	11.60	167	3090507	80.577	ng		98
74) Di-n-butylphthalate	11.93	149	3528363	76.331	ng	#	96
75) Fluoranthene	12.58	202	3374917	82.117	ng		98
77) Benzidine	12.69	184	1153048	70.122	ng	#	92
78) Pyrene	12.81	202	3428800	85.413	ng		98
80) Butylbenzylphthalate	13.43	149	1526804	80.770	ng		99
81) Benzo(a)anthracene	13.99	228	2488652	83.793	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	935185	83.556	ng		100
83) Chrysene	14.03	228	2665860	83.590	ng		98
84) Bis(2-ethylhexyl)phthalate	13.99	149	1631695	69.380	ng	#	99
85) Di-n-octyl phthalate	14.60	149	3045954	71.993	ng		99
87) Indeno(1,2,3-cd)pyrene	16.90	276	3016505	102.694	ng		99
88) Benzo(b)fluoranthene	15.03	252	2658670	87.794	ng		98
89) Benzo(k)fluoranthene	15.06	252	2357212	89.844	ng		99
90) Benzo(a)pyrene	15.39	252	2384600	87.803	ng		98
91) Dibenzo(a,h)anthracene	16.92	278	2351179	97.722	ng		97
92) Benzo(g,h,i)perylene	17.34	276	2513980	103.618	ng		99

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

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