Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070220\
Data File : BF120763.D
Acq On : 2 Jul 2020 17:30
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
7/7/2020 8:25:24 AM

Quant Time: Jul 02 19:00:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 17:30:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	138339	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	494261	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	243857	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	443430	20.00	ng		0.00
76) Chrysene-d12	14.02	240	305104	20.00	ng		0.00
86) Perylene-d12	15.47	264	271774	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1003170	121.37	ng		0.00
7) Phenol-d6	6.48	99	1259639	115.89	ng		0.00
23) Nitrobenzene-d5	7.42	82	1037897	120.51	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	292764	96.73	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1657113	95.79	ng		0.00
79) Terphenyl-d14	12.96	244	1748725	108.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	229707	64.973	ng		99
3) Pyridine	3.33	79	629469	62.781	ng		98
4) n-Nitrosodimethylamine	3.29	42	317544	78.852	ng		100
6) Aniline	6.52	93	822559	62.457	ng		99
8) 2-Chlorophenol	6.64	128	538105	59.874	ng		96
10) Phenol	6.49	94	641532m	61.201	ng		
11) bis(2-Chloroethyl)ether	6.59	93	533167	59.737	ng		97
12) 1,3-Dichlorobenzene	6.79	146	585157	58.966	ng		99
13) 1,4-Dichlorobenzene	6.87	146	577394	57.975	ng		99
14) 1,2-Dichlorobenzene	7.02	146	551390	56.138	ng		99
15) Benzyl Alcohol	6.99	79	470153	68.769	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	821569	68.328	ng		99
17) 2-Methylphenol	7.10	107	477929	61.673	ng		100
18) Hexachloroethane	7.37	117	225004	62.700	ng		92
19) n-Nitroso-di-n-propylamine	7.27	70	369041	59.200	ng		97
20) 3+4-Methylphenols	7.26	107	556540	53.109	ng		94
22) Acetophenone	7.26	105	671560	53.542	ng	#	92
24) Nitrobenzene	7.44	77	568844	63.275	ng		94
25) Isophorone	7.67	82	1054197	63.176	ng		98
26) 2-Nitrophenol	7.75	139	238262	49.545	ng		93
27) 2,4-Dimethylphenol	7.79	122	416894	57.826	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	623599	60.676	ng		99
29) 2,4-Dichlorophenol	7.99	162	430536	59.411	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	481510	56.730	ng		100
31) Naphthalene	8.16	128	1483119	60.140	ng		99
33) 4-Chloroaniline	8.20	127	644512	59.852	ng		98
34) Hexachlorobutadiene	8.27	225	285295	55.671	ng		98
35) Caprolactam	8.59	113	124773	53.047	ng		94
36) 4-Chloro-3-methylphenol	8.68	107	439080	60.471	ng		96
37) 2-Methylnaphthalene	8.85	142	967551	58.061	ng		98
38) 1-Methylnaphthalene	8.95	142	915553	58.574	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	433889	55.735	ng		100
41) Hexachlorocyclopentadiene	9.00	237	271336	76.270	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	301304	57.381	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.16	196	337723	57.238	ng		97
46) 1,1'-Biphenyl	9.32	154	1109168	56.125	ng		99
47) 2-Chloronaphthalene	9.34	162	907372	57.056	ng		98
48) 2-Nitroaniline	9.43	65	284271	61.292	ng		96
49) Acenaphthylene	9.75	152	1406721	56.962	ng		99
50) Dimethylphthalate	9.62	163	1018783	54.510	ng		100
51) 2,6-Dinitrotoluene	9.67	165	207672	50.259	ng		91
52) Acenaphthene	9.93	154	881684	62.379	ng		100
53) 3-Nitroaniline	9.85	138	255842	52.744	ng		93
54) 2,4-Dinitrophenol	9.94	184	78153	47.762	ng	#	86
55) Dibenzofuran	10.10	168	1242145	57.651	ng		98
56) 4-Nitrophenol	9.99	139	189567	63.253	ng		96
57) 2,4-Dinitrotoluene	10.07	165	259914	51.443	ng		92
58) Fluorene	10.44	166	878998	52.410	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	248494m	55.752	ng		
60) Diethylphthalate	10.32	149	1065231	57.986	ng		98
61) 4-Chlorophenyl-phenylether	10.43	204	444154	52.174	ng		97
62) 4-Nitroaniline	10.46	138	242885	50.071	ng		99
63) Azobenzene	10.59	77	1045333	62.336	ng		99
65) 4,6-Dinitro-2-methylphenol	10.48	198	111253	45.459	ng		92
66) n-Nitrosodiphenylamine	10.55	169	850433	58.313	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	303548	56.242	ng		97
68) Hexachlorobenzene	10.99	284	316051	55.185	ng	#	91
69) Atrazine	11.07	200	207875	52.951	ng		98
70) Pentachlorophenol	11.17	266	193428	100.892	ng		99
71) Phenanthrene	11.40	178	1361821	59.050	ng		100
72) Anthracene	11.45	178	1358702	58.745	ng		99
73) Carbazole	11.60	167	1304238	59.309	ng		100
74) Di-n-butylphthalate	11.94	149	1614606	60.696	ng		99
75) Fluoranthene	12.59	202	1430932	55.228	ng		99
77) Benzidine	12.71	184	492432	54.370	ng		99
78) Pyrene	12.82	202	1457726	58.763	ng		100
80) Butylbenzylphthalate	13.44	149	653292	62.451	ng		98
81) Benzo(a)anthracene	14.00	228	1090630	55.556	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	406124	55.425	ng		99
83) Chrysene	14.04	228	1195974	58.070	ng		100
84) Bis(2-ethylhexyl)phthalate	14.00	149	769241	58.974	ng		99
85) Di-n-octyl phthalate	14.62	149	1472591	59.588	ng		100
87) Indeno(1,2,3-cd)pyrene	16.93	276	1063887	61.960	ng		100
88) Benzo(b)fluoranthene	15.05	252	1054998	60.635	ng		100
89) Benzo(k)fluoranthene	15.08	252	1050850	68.942	ng		99
90) Benzo(a)pyrene	15.42	252	948525	63.445	ng		98
91) Dibenzo(a,h)anthracene	16.95	278	895398	63.729	ng		99
92) Benzo(g,h,i)perylene	17.37	276	804422	57.221	ng		99

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

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