Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070220\
Data File : BF120762.D
Acq On : 2 Jul 2020 17:01
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
mohammad
7/7/2020 8:25:27 AM

Quant Time: Jul 02 18:02:32 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	152889	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	555579	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	279185	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	510391	20.00	ng		0.00
76) Chrysene-d12	14.02	240	378288	20.00	ng		0.00
86) Perylene-d12	15.47	264	341622	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	952423	104.26	ng		0.00
7) Phenol-d6	6.48	99	1204383	100.27	ng		0.00
23) Nitrobenzene-d5	7.42	82	1004273	103.73	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	296479	85.56	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1665992	84.12	ng		0.00
79) Terphenyl-d14	12.96	244	1785258	88.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	215534	55.162	ng		99
3) Pyridine	3.35	79	600984	54.236	ng		98
4) n-Nitrosodimethylamine	3.30	42	301871	67.827	ng		99
6) Aniline	6.52	93	789969	54.274	ng		99
8) 2-Chlorophenol	6.63	128	514615	51.811	ng		98
9) Benzaldehyde	6.40	77	314285	51.792	ng		99
10) Phenol	6.49	94	624932m	53.944	ng		
11) bis(2-Chloroethyl)ether	6.59	93	518702	52.586	ng		100
12) 1,3-Dichlorobenzene	6.79	146	563260	51.357	ng		99
13) 1,4-Dichlorobenzene	6.87	146	560378	50.912	ng		99
14) 1,2-Dichlorobenzene	7.02	146	530031	48.828	ng		99
15) Benzyl Alcohol	6.99	79	456222	60.381	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	791968	59.598	ng		100
17) 2-Methylphenol	7.10	107	462478	54.000	ng		98
18) Hexachloroethane	7.36	117	214846	54.172	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	360925	52.388	ng		99
20) 3+4-Methylphenols	7.26	107	543758	46.951	ng		91
22) Acetophenone	7.26	105	659024	46.744	ng	#	94
24) Nitrobenzene	7.43	77	549899	54.416	ng		99
25) Isophorone	7.67	82	1022146	54.494	ng		98
26) 2-Nitrophenol	7.75	139	227362	42.060	ng		93
27) 2,4-Dimethylphenol	7.79	122	426886	52.677	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	607333	52.571	ng		100
29) 2,4-Dichlorophenol	7.99	162	419673	51.520	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	465799	48.822	ng		99
31) Naphthalene	8.16	128	1446434	52.179	ng		100
32) Benzoic acid	7.91	122	300441	52.762	ng		98
33) 4-Chloroaniline	8.20	127	621572	51.351	ng		98
34) Hexachlorobutadiene	8.27	225	275846	47.886	ng		99
35) Caprolactam	8.58	113	124368	47.039	ng		96
36) 4-Chloro-3-methylphenol	8.68	107	433393	53.100	ng		97
37) 2-Methylnaphthalene	8.85	142	960202	51.260	ng		100
38) 1-Methylnaphthalene	8.95	142	894574	50.916	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	426125	47.812	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	261605	64.230	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	302000	50.236	ng		100
44) 2,4,5-Trichlorophenol	9.16	196	336716	49.846	ng		97
46) 1,1'-Biphenyl	9.32	154	1103219	48.760	ng		99
47) 2-Chloronaphthalene	9.34	162	898107	49.327	ng		97
48) 2-Nitroaniline	9.43	65	278184	52.390	ng		97
49) Acenaphthylene	9.75	152	1399121	49.485	ng		99
50) Dimethylphthalate	9.62	163	1019232	47.634	ng		100
51) 2,6-Dinitrotoluene	9.67	165	206801	43.715	ng		89
52) Acenaphthene	9.93	154	863295	53.349	ng		100
53) 3-Nitroaniline	9.85	138	255278	45.969	ng		93
54) 2,4-Dinitrophenol	9.94	184	73891	39.443	ng	#	84
55) Dibenzofuran	10.10	168	1228690	49.811	ng		98
56) 4-Nitrophenol	9.99	139	190047	55.389	ng		96
57) 2,4-Dinitrotoluene	10.07	165	261803	45.260	ng		91
58) Fluorene	10.44	166	885111	46.096	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	252105	49.405	ng		93
60) Diethylphthalate	10.32	149	1056871	50.251	ng		98
61) 4-Chlorophenyl-phenylether	10.43	204	442720	45.425	ng		98
62) 4-Nitroaniline	10.46	138	241498	43.485	ng		97
63) Azobenzene	10.59	77	1048280	54.601	ng		99
65) 4,6-Dinitro-2-methylphenol	10.48	198	107052	38.003	ng		94
66) n-Nitrosodiphenylamine	10.55	169	843112	50.227	ng		98
67) 4-Bromophenyl-phenylether	10.92	248	303325	48.827	ng		97
68) Hexachlorobenzene	10.99	284	317947	48.233	ng		92
69) Atrazine	11.07	200	223660	49.497	ng		98
70) Pentachlorophenol	11.17	266	198301	89.864	ng		100
71) Phenanthrene	11.40	178	1375483	51.817	ng		100
72) Anthracene	11.45	178	1387282	52.111	ng		99
73) Carbazole	11.60	167	1334382	52.719	ng		99
74) Di-n-butylphthalate	11.94	149	1635923	53.429	ng		99
75) Fluoranthene	12.59	202	1484229	49.770	ng		99
77) Benzidine	12.71	184	538474	47.951	ng		99
78) Pyrene	12.82	202	1526853	49.642	ng		100
80) Butylbenzylphthalate	13.44	149	678176	52.288	ng		98
81) Benzo(a)anthracene	14.00	228	1148838	47.199	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	427646	47.071	ng		98
83) Chrysene	14.04	228	1246132	48.800	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	795500	49.189	ng	#	97
85) Di-n-octyl phthalate	14.62	149	1560450	50.927	ng		100
87) Indeno(1,2,3-cd)pyrene	16.93	276	1118411	51.818	ng		100
88) Benzo(b)fluoranthene	15.05	252	1135761	51.930	ng		97
89) Benzo(k)fluoranthene	15.08	252	1140319	59.516	ng		99
90) Benzo(a)pyrene	15.42	252	1039496	55.314	ng		99
91) Dibenzo(a,h)anthracene	16.95	278	938164	53.120	ng		99
92) Benzo(g,h,i)perylene	17.37	276	842213	47.661	ng		99

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

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