Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070220\
Data File : BF120760.D
Acq On : 2 Jul 2020 16:04
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC020

Manual Integrations APPROVED
mohammad
7/7/2020 8:25:18 AM

Quant Time: Jul 02 17:55:54 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	142961	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	551497	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	278793	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	515637	20.00	ng		0.00
76) Chrysene-d12	14.01	240	409296	20.00	ng		0.00
86) Perylene-d12	15.47	264	379473	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	403499	47.24	ng		0.00
7) Phenol-d6	6.47	99	513516	45.72	ng		0.00
23) Nitrobenzene-d5	7.41	82	400459	41.67	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	122099	35.29	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	838689	42.41	ng		0.00
79) Terphenyl-d14	12.96	244	943870	43.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	89134	24.397	ng		98
3) Pyridine	3.34	79	247845	23.920	ng		98
4) n-Nitrosodimethylamine	3.29	42	122561	29.450	ng	#	99
6) Aniline	6.51	93	328430	24.131	ng		98
8) 2-Chlorophenol	6.63	128	212193	22.847	ng		97
9) Benzaldehyde	6.40	77	157421	27.744	ng		97
10) Phenol	6.48	94	265802	24.537	ng		99
11) bis(2-Chloroethyl)ether	6.58	93	214638	23.271	ng		98
12) 1,3-Dichlorobenzene	6.79	146	233886	22.806	ng		96
13) 1,4-Dichlorobenzene	6.86	146	238214	23.145	ng		97
14) 1,2-Dichlorobenzene	7.02	146	225899	22.256	ng		98
15) Benzyl Alcohol	6.99	79	194909	27.588	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	334465	26.917	ng		100
17) 2-Methylphenol	7.09	107	190270	23.759	ng		98
18) Hexachloroethane	7.36	117	88568	23.883	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	156870	24.351	ng		99
20) 3+4-Methylphenols	7.25	107	246412	22.754	ng		98
22) Acetophenone	7.26	105	301597	21.550	ng		98
24) Nitrobenzene	7.43	77	224273	22.358	ng		99
25) Isophorone	7.67	82	431708	23.186	ng		99
26) 2-Nitrophenol	7.75	139	76680	14.290	ng		94
27) 2,4-Dimethylphenol	7.78	122	171848	21.363	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	255238	22.257	ng		99
29) 2,4-Dichlorophenol	7.98	162	168997	20.900	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	193889	20.473	ng		99
31) Naphthalene	8.16	128	633142	23.009	ng		99
32) Benzoic acid	7.86	122	95386	16.875	ng		98
33) 4-Chloroaniline	8.20	127	265440	22.091	ng		97
34) Hexachlorobutadiene	8.27	225	117691	20.582	ng		99
35) Caprolactam	8.55	113	49214m	18.752	ng		
36) 4-Chloro-3-methylphenol	8.67	107	180824	22.319	ng		94
37) 2-Methylnaphthalene	8.85	142	410359	22.069	ng		100
38) 1-Methylnaphthalene	8.95	142	382904	21.955	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	176144	19.791	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	103359	25.413	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	118248	19.698	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	134516	19.941	ng		96
46) 1,1'-Biphenyl	9.31	154	480295	21.258	ng		99
47) 2-Chloronaphthalene	9.33	162	380289	20.916	ng		99
48) 2-Nitroaniline	9.42	65	99868	18.834	ng		92
49) Acenaphthylene	9.75	152	602234	21.330	ng		99
50) Dimethylphthalate	9.61	163	431860	20.211	ng		98
51) 2,6-Dinitrotoluene	9.66	165	77379	16.380	ng		91
52) Acenaphthene	9.92	154	374122	23.152	ng		99
53) 3-Nitroaniline	9.83	138	94982	17.128	ng		99
54) 2,4-Dinitrophenol	9.93	184	18447	9.861	ng	#	75
55) Dibenzofuran	10.09	168	540482	21.942	ng		100
56) 4-Nitrophenol	9.98	139	69435	20.265	ng		99
57) 2,4-Dinitrotoluene	10.06	165	92124	15.949	ng		92
58) Fluorene	10.43	166	424031	22.114	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	98234m	19.278	ng		
60) Diethylphthalate	10.31	149	452616	21.551	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	215299	22.122	ng		98
62) 4-Nitroaniline	10.44	138	92072	16.602	ng		97
63) Azobenzene	10.59	77	470146	24.523	ng		96
65) 4,6-Dinitro-2-methylphenol	10.47	198	29736	10.449	ng		98
66) n-Nitrosodiphenylamine	10.55	169	363526	21.436	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	123883	19.739	ng	#	92
68) Hexachlorobenzene	10.98	284	130578	19.607	ng		94
69) Atrazine	11.07	200	100208	21.951	ng		97
70) Pentachlorophenol	11.17	266	73985	33.187	ng		98
71) Phenanthrene	11.40	178	595209	22.195	ng		99
72) Anthracene	11.45	178	606333	22.544	ng		99
73) Carbazole	11.60	167	577258	22.574	ng		99
74) Di-n-butylphthalate	11.94	149	729009	23.567	ng		99
75) Fluoranthene	12.58	202	645858	21.437	ng		99
77) Benzidine	12.70	184	260200	21.416	ng		99
78) Pyrene	12.81	202	669441	20.116	ng		99
80) Butylbenzylphthalate	13.44	149	288767	20.577	ng		99
81) Benzo(a)anthracene	14.00	228	583035	22.139	ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	188753	19.202	ng		99
83) Chrysene	14.03	228	561680	20.330	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	415972	23.772	ng		99
85) Di-n-octyl phthalate	14.61	149	688611	20.771	ng		99
87) Indeno(1,2,3-cd)pyrene	16.92	276	476024	19.855	ng		99
88) Benzo(b)fluoranthene	15.04	252	491956	20.250	ng		99
89) Benzo(k)fluoranthene	15.07	252	502587	23.615	ng		99
90) Benzo(a)pyrene	15.41	252	445967	21.364	ng		98
91) Dibenzo(a,h)anthracene	16.94	278	401423	20.462	ng		99
92) Benzo(g,h,i)perylene	17.36	276	363939	18.541	ng		99

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

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