Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091020\
Data File : BF121551.D
Acq On : 10 Sep 2020 14:39
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
mohammad
9/11/2020 11:48:20 AM

Quant Time: Sep 10 15:25:04 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	190238	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	703037	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	357243	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	644962	20.00	ng		0.00
76) Chrysene-d12	13.99	240	511359	20.00	ng		0.00
86) Perylene-d12	15.44	264	473824	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1229135	108.40	ng		0.00
7) Phenol-d6	6.47	99	1616257	102.00	ng		0.00
23) Nitrobenzene-d5	7.40	82	1322106	128.57	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	455973	126.37	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	2160993	97.60	ng		0.00
79) Terphenyl-d14	12.94	244	2438781	100.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	295205	54.592	ng		99
3) Pyridine	3.35	79	821132	55.762	ng		99
4) n-Nitrosodimethylamine	3.32	42	381232	58.568	ng		100
6) Aniline	6.50	93	1076200	57.241	ng		100
8) 2-Chlorophenol	6.62	128	628627	54.625	ng		97
9) Benzaldehyde	6.39	77	497043	63.969	ng		98
10) Phenol	6.48	94	851370	54.924	ng		94
11) bis(2-Chloroethyl)ether	6.57	93	659892	52.397	ng		98
12) 1,3-Dichlorobenzene	6.77	146	701527	50.629	ng		99
13) 1,4-Dichlorobenzene	6.85	146	705422	50.799	ng		99
14) 1,2-Dichlorobenzene	7.00	146	637637	49.314	ng		99
15) Benzyl Alcohol	6.98	79	561671	54.005	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1064736	57.068	ng		100
17) 2-Methylphenol	7.09	107	545630	54.493	ng		99
18) Hexachloroethane	7.35	117	259192	54.539	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	467949	52.844	ng		100
20) 3+4-Methylphenols	7.25	107	624102	51.507	ng		89
22) Acetophenone	7.25	105	841913	48.587	ng	#	95
24) Nitrobenzene	7.42	77	704125	68.309	ng		96
25) Isophorone	7.66	82	1313974	56.808	ng		99
26) 2-Nitrophenol	7.73	139	331012	94.985	ng		95
27) 2,4-Dimethylphenol	7.77	122	604306	62.993	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	808533	51.406	ng		98
29) 2,4-Dichlorophenol	7.97	162	536772	56.669	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	554573	47.794	ng		99
31) Naphthalene	8.14	128	1774085	50.829	ng		99
32) Benzoic acid	7.91	122	442153	83.356	ng		98
33) 4-Chloroaniline	8.19	127	791032	50.885	ng		98
34) Hexachlorobutadiene	8.26	225	328860	47.658	ng		99
35) Caprolactam	8.57	113	180005m	58.266	ng		
36) 4-Chloro-3-methylphenol	8.67	107	573453	57.421	ng		99
37) 2-Methylnaphthalene	8.83	142	1164688	50.365	ng		100
38) 1-Methylnaphthalene	8.93	142	1087585	49.807	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	541874	51.169	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	343390	77.110	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	387028	57.823	ng		100
44) 2,4,5-Trichlorophenol	9.15	196	406324	61.390	ng		96
46) 1,1'-Biphenyl	9.29	154	1359863	50.444	ng		100
47) 2-Chloronaphthalene	9.32	162	1087752	49.091	ng		99
48) 2-Nitroaniline	9.42	65	374095	77.665	ng		93
49) Acenaphthylene	9.73	152	1659704	49.937	ng		99
50) Dimethylphthalate	9.60	163	1262410	51.444	ng		99
51) 2,6-Dinitrotoluene	9.66	165	286309	79.938	ng		88
52) Acenaphthene	9.90	154	1064015	50.700	ng		100
53) 3-Nitroaniline	9.83	138	327162	69.261	ng		96
54) 2,4-Dinitrophenol	9.93	184	140857	110.560	ng	#	90
55) Dibenzofuran	10.08	168	1469985	48.219	ng		98
56) 4-Nitrophenol	9.98	139	269130	70.132	ng		98
57) 2,4-Dinitrotoluene	10.06	165	376202	88.327	ng		93
58) Fluorene	10.42	166	1084740	47.201	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	331068	60.080	ng		99
60) Diethylphthalate	10.29	149	1231745	49.961	ng		99
61) 4-Chlorophenyl-phenylether	10.41	204	528764	45.922	ng		99
62) 4-Nitroaniline	10.44	138	324341	63.954	ng		97
63) Azobenzene	10.57	77	1299991	53.321	ng		96
65) 4,6-Dinitro-2-methylphenol	10.47	198	195564	116.970	ng		96
66) n-Nitrosodiphenylamine	10.53	169	1079242	52.907	ng		100
67) 4-Bromophenyl-phenylether	10.90	248	365689	51.541	ng		98
68) Hexachlorobenzene	10.96	284	412525	49.720	ng		99
69) Atrazine	11.06	200	281005	47.500	ng		98
70) Pentachlorophenol	11.16	266	249081	65.713	ng		99
71) Phenanthrene	11.38	178	1673398	50.559	ng		99
72) Anthracene	11.43	178	1717289	52.753	ng		99
73) Carbazole	11.59	167	1572395	50.090	ng		99
74) Di-n-butylphthalate	11.92	149	1855021	53.194	ng		99
75) Fluoranthene	12.57	202	1789615	50.170	ng		98
77) Benzidine	12.69	184	869522	77.967	ng		100
78) Pyrene	12.79	202	1841601	50.427	ng		100
80) Butylbenzylphthalate	13.41	149	792075	56.297	ng		99
81) Benzo(a)anthracene	13.98	228	1566998	50.199	ng		100
82) 3,3'-Dichlorobenzidine	13.94	252	645303	56.439	ng		100
83) Chrysene	14.02	228	1609092	51.523	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	989254	54.440	ng	#	98
85) Di-n-octyl phthalate	14.59	149	1823046	59.199	ng		100
87) Indeno(1,2,3-cd)pyrene	16.89	276	1530252	52.489	ng		100
88) Benzo(b)fluoranthene	15.02	252	1659286	53.834	ng		99
89) Benzo(k)fluoranthene	15.06	252	1405372	49.021	ng		98
90) Benzo(a)pyrene	15.39	252	1360742	49.097	ng		99
91) Dibenzo(a,h)anthracene	16.91	278	1263152	52.931	ng		99
92) Benzo(g,h,i)perylene	17.33	276	1248452	54.307	ng		98

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

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