Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061020\
Data File : BF120586.D
Acq On : 10 Jun 2020 11:07
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
6/11/2020 1:48:32 PM

Quant Time: Jun 10 13:47:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 13:32:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	162411	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	592336	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	318398	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	639927	20.00	ng		0.00
76) Chrysene-d12	13.96	240	556481	20.00	ng		0.00
86) Perylene-d12	15.40	264	612992	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	220482	26.55	ng		0.00
7) Phenol-d6	6.43	99	244612	23.23	ng		-0.01
23) Nitrobenzene-d5	7.36	82	212265	22.35	ng		-0.01
42) 2,4,6-Tribromophenol	10.62	330	81264	24.73	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	467094	24.62	ng		0.00
79) Terphenyl-d14	12.90	244	590298	24.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	46880	10.817	ng		99
3) Pyridine	3.25	79	125225	10.794	ng		98
4) n-Nitrosodimethylamine	3.18	42	51115	10.409	ng	#	98
6) Aniline	6.46	93	151133	10.633	ng		99
8) 2-Chlorophenol	6.58	128	122070	12.716	ng		99
9) Benzaldehyde	6.35	77	88766	16.332	ng		98
10) Phenol	6.44	94	133590	10.946	ng		90
11) bis(2-Chloroethyl)ether	6.53	93	114242	11.936	ng		95
12) 1,3-Dichlorobenzene	6.74	146	122956	11.769	ng		99
13) 1,4-Dichlorobenzene	6.82	146	122724	11.629	ng		99
14) 1,2-Dichlorobenzene	6.97	146	119434	11.608	ng		99
15) Benzyl Alcohol	6.94	79	92545	11.346	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	159970	11.317	ng		98
17) 2-Methylphenol	7.05	107	95616	11.346	ng		95
18) Hexachloroethane	7.31	117	45075	11.677	ng		93
19) n-Nitroso-di-n-propylamine	7.20	70	77280	11.955	ng		99
20) 3+4-Methylphenols	7.20	107	127282	12.112	ng	#	87
22) Acetophenone	7.20	105	153450	12.601	ng		100
24) Nitrobenzene	7.37	77	111994	11.229	ng		95
25) Isophorone	7.62	82	205168	11.164	ng		97
26) 2-Nitrophenol	7.70	139	55730	10.835	ng		90
27) 2,4-Dimethylphenol	7.73	122	84451	11.228	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	128203	11.738	ng		99
29) 2,4-Dichlorophenol	7.94	162	89973	11.441	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	103536	11.731	ng		99
31) Naphthalene	8.10	128	322759	12.145	ng		100
32) Benzoic acid	7.82	122	45599	7.408	ng		92
33) 4-Chloroaniline	8.15	127	138423	11.670	ng		99
34) Hexachlorobutadiene	8.22	225	62464	12.109	ng		99
35) Caprolactam	8.49	113	28027	10.380	ng		95
36) 4-Chloro-3-methylphenol	8.63	107	92073	11.328	ng		97
37) 2-Methylnaphthalene	8.79	142	218532	12.350	ng		99
38) 1-Methylnaphthalene	8.89	142	204692	12.628	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	103707	12.317	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	45290	9.407 ng	98
43) 2,4,6-Trichlorophenol	9.07	196	67793	11.349 ng	100
44) 2,4,5-Trichlorophenol	9.11	196	77133	11.357 ng	98
46) 1,1'-Biphenyl	9.26	154	265581	12.289 ng	98
47) 2-Chloronaphthalene	9.28	162	211275	11.860 ng	100
48) 2-Nitroaniline	9.37	65	60572	10.922 ng	98
49) Acenaphthylene	9.69	152	332993	12.348 ng	99
50) Dimethylphthalate	9.55	163	246393	11.658 ng	99
51) 2,6-Dinitrotoluene	9.62	165	53463	11.367 ng	89
52) Acenaphthene	9.87	154	199307m	12.365 ng	
53) 3-Nitroaniline	9.78	138	62454	11.229 ng	100
54) 2,4-Dinitrophenol	9.89	184	17690	6.979 ng	96
55) Dibenzofuran	10.04	168	311141	12.774 ng	99
56) 4-Nitrophenol	9.95	139	41791	10.305 ng	95
57) 2,4-Dinitrotoluene	10.02	165	70936	11.570 ng	94
58) Fluorene	10.38	166	241877	13.217 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	61394	11.586 ng	98
60) Diethylphthalate	10.25	149	249610	12.254 ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	126332	13.372 ng	95
62) 4-Nitroaniline	10.39	138	60658	10.812 ng	95
63) Azobenzene	10.53	77	224006	11.751 ng	99
65) 4,6-Dinitro-2-methylphenol	10.43	198	30055	8.757 ng	86
66) n-Nitrosodiphenylamine	10.49	169	212971	12.424 ng	99
67) 4-Bromophenyl-phenylether	10.86	248	78695	12.311 ng	97
68) Hexachlorobenzene	10.93	284	84692	12.330 ng	99
69) Atrazine	11.02	200	65198	13.425 ng	98
70) Pentachlorophenol	11.13	266	33874	9.137 ng	99
71) Phenanthrene	11.35	178	360985	12.770 ng	98
72) Anthracene	11.39	178	362035	12.671 ng	98
73) Carbazole	11.55	167	349001	12.514 ng	98
74) Di-n-butylphthalate	11.88	149	409473	12.347 ng	99
75) Fluoranthene	12.53	202	401149	12.306 ng	99
77) Benzidine	12.65	184	206658	15.607 ng	99
78) Pyrene	12.76	202	418490	11.871 ng	97
80) Butylbenzylphthalate	13.38	149	188576	12.222 ng	95
81) Benzo(a)anthracene	13.94	228	365642	12.095 ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	132857	12.005 ng	99
83) Chrysene	13.98	228	376031	12.253 ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	249514	12.759 ng	100
85) Di-n-octyl phthalate	14.55	149	478602	13.514 ng	100
87) Indeno(1,2,3-cd)pyrene	16.81	276	389162	11.280 ng	99
88) Benzo(b)fluoranthene	14.98	252	377354	11.791 ng	98
89) Benzo(k)fluoranthene	15.00	252	363811	12.540 ng	99
90) Benzo(a)pyrene	15.33	252	343441	11.787 ng	99
91) Dibenzo(a,h)anthracene	16.83	278	323717	11.618 ng	98
92) Benzo(g,h,i)perylene	17.24	276	313889	11.511 ng	99

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

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