Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051121\
Data File : BF123911.D
Acq On : 11 May 2021 15:22
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
5/12/2021 2:05:55 PM

Quant Time: May 11 16:31:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 11 16:27:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.757	152	209094	20.00	ng		0.00
21) Naphthalene-d8	8.045	136	822433	20.00	ng		# 0.00
39) Acenaphthene-d10	9.798	164	471255	20.00	ng		0.00
64) Phenanthrene-d10	11.286	188	795474	20.00	ng		# 0.00
76) Chrysene-d12	13.927	240	475055	20.00	ng		# 0.00
86) Perylene-d12	15.363	264	318986	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	801464	55.98	ng		0.00
7) Phenol-d6	6.404	99	1086313	56.85	ng		0.00
23) Nitrobenzene-d5	7.322	82	856961	43.25	ng		0.00
42) 2,4,6-Tribromophenol	10.586	330	139993	20.17	ng		0.00
45) 2-Fluorobiphenyl	9.122	172	1283614	33.99	ng		0.00
79) Terphenyl-d14	12.869	244	1091567	37.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.458	88	205415	28.85	ng	#	73
3) Pyridine	3.181	79	508441	33.21	ng	#	66
4) n-Nitrosodimethylamine	3.122	42	202294	16.89	ng	#	62
6) Aniline	6.422	93	637768	30.66	ng		98
8) 2-Chlorophenol	6.545	128	418623	28.01	ng		91
9) Benzaldehyde	6.304	77	228513	27.75	ng		93
10) Phenol	6.416	94	571857	28.20	ng		91
11) bis(2-Chloroethyl)ether	6.498	93	425965	31.53	ng	#	81
12) 1,3-Dichlorobenzene	6.698	146	412200	26.64	ng		94
13) 1,4-Dichlorobenzene	6.775	146	398582	25.74	ng		98
14) 1,2-Dichlorobenzene	6.928	146	374058	25.05	ng		97
15) Benzyl Alcohol	6.904	79	344433	22.28	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.040	45	723847	24.22	ng		91
17) 2-Methylphenol	7.022	107	342850	27.41	ng		95
18) Hexachloroethane	7.269	117	166794	26.24	ng	#	90
19) n-Nitroso-di-n-propyla...	7.175	70	319698	27.32	ng		90
20) 3+4-Methylphenols	7.175	107	437635	26.67	ng		95
22) Acetophenone	7.169	105	572168	23.53	ng	#	90
24) Nitrobenzene	7.340	77	474911	23.47	ng		98
25) Isophorone	7.581	82	893691	26.21	ng		98
26) 2-Nitrophenol	7.657	139	209879	25.95	ng	#	82
27) 2,4-Dimethylphenol	7.704	122	340178	27.36	ng		88
28) bis(2-Chloroethoxy)met...	7.798	93	510285	30.98	ng		98
29) 2,4-Dichlorophenol	7.904	162	294624	23.25	ng		98
30) 1,2,4-Trichlorobenzene	7.987	180	299384	22.06	ng		99
31) Naphthalene	8.063	128	1004180	22.07	ng		99
32) Benzoic acid	7.822	122	136191	19.54	ng		92
33) 4-Chloroaniline	8.116	127	405083	22.11	ng	#	92
34) Hexachlorobutadiene	8.187	225	133626	14.66	ng		97
35) Caprolactam	8.481	113	99634m	24.24	ng		
36) 4-Chloro-3-methylphenol	8.604	107	334229	20.58	ng		97
37) 2-Methylnaphthalene	8.757	142	654301	22.19	ng		98
38) 1-Methylnaphthalene	8.857	142	617088	21.70	ng		100
40) 1,2,4,5-Tetrachloroben...	8.922	216	226877	14.03	ng		98
41) Hexachlorocyclopentadiene	8.910	237	51300	10.43	ng		93
43) 2,4,6-Trichlorophenol	9.039	196	162676	14.81	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	191362	17.38	ng		95
46) 1,1'-Biphenyl	9.222	154	864797	20.65	ng		97
47) 2-Chloronaphthalene	9.245	162	621685	19.48	ng		99
48) 2-Nitroaniline	9.345	65	239897	17.19	ng	#	80
49) Acenaphthylene	9.663	152	988258	19.37	ng		99
50) Dimethylphthalate	9.528	163	720760	20.16	ng		99
51) 2,6-Dinitrotoluene	9.586	165	168440	20.89	ng	#	81
52) Acenaphthene	9.833	154	641465	20.72	ng		96
53) 3-Nitroaniline	9.757	138	213608	23.40	ng		93
54) 2,4-Dinitrophenol	9.863	184	64297	16.66	ng		95
55) Dibenzofuran	10.004	168	860662	18.08	ng		99
56) 4-Nitrophenol	9.933	139	129745	20.51	ng	#	71
57) 2,4-Dinitrotoluene	9.992	165	213305	19.22	ng	#	93
58) Fluorene	10.345	166	658954	17.64	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.128	232	132673	14.79	ng		92
60) Diethylphthalate	10.222	149	700746	18.99	ng		96
61) 4-Chlorophenyl-phenyle...	10.339	204	284069	16.14	ng		96
62) 4-Nitroaniline	10.369	138	205255	21.68	ng	#	85
63) Azobenzene	10.498	77	880322	21.41	ng		91
65) 4,6-Dinitro-2-methylph...	10.398	198	103336	21.32	ng		89
66) n-Nitrosodiphenylamine	10.457	169	580310	22.00	ng		97
67) 4-Bromophenyl-phenylether	10.828	248	164164	19.28	ng	#	87
68) Hexachlorobenzene	10.898	284	155176	15.20	ng	#	91
69) Atrazine	10.992	200	174964	23.06	ng		96
70) Pentachlorophenol	11.092	266	66642	14.94	ng		97
71) Phenanthrene	11.310	178	997574	21.97	ng		98
72) Anthracene	11.363	178	1008066	22.31	ng		99
73) Carbazole	11.516	167	887920	20.08	ng		98
74) Di-n-butylphthalate	11.851	149	1002612	21.49	ng		99
75) Fluoranthene	12.498	202	887647	17.35	ng		96
77) Benzidine	12.622	184	262479	26.37	ng		99
78) Pyrene	12.727	202	952777	22.80	ng		98
80) Butylbenzylphthalate	13.351	149	446634	30.29	ng		98
81) Benzo(a)anthracene	13.916	228	656666	20.79	ng		99
82) 3,3'-Dichlorobenzidine	13.880	252	179149	19.98	ng	#	98
83) Chrysene	13.951	228	688506	22.62	ng		99
84) Bis(2-ethylhexyl)phtha...	13.910	149	574145	32.69	ng	#	99
85) Di-n-octyl phthalate	14.521	149	921420	37.96	ng		97
87) Indeno(1,2,3-cd)pyrene	16.780	276	412445	18.17	ng	#	77
88) Benzo(b)fluoranthene	14.951	252	530111	24.12	ng	#	93
89) Benzo(k)fluoranthene	14.974	252	516460	25.48	ng	#	92
90) Benzo(a)pyrene	15.304	252	458754	23.93	ng	#	93
91) Dibenzo(a,h)anthracene	16.792	278	348517	18.42	ng	#	85
92) Benzo(g,h,i)perylene	17.204	276	347197	17.28	ng	#	82

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

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